Appendix E: Tributaries, springs, and drains information

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			NO .NO			N II I			1100							Field					
Date Impled	Replicate	Time sampled	NO_3+NO_2 (mg/L)	Ortho P (mg/L)	Total P (mg/L)	NH₃ (mg/L)	TKN (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	TDS-180 (mg/L)	Alkalinity (mg/L)	SS (mg/L)	Lab pH (SU)	Lab EC (u S/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	Field pH (SU)	Field EC (uS/cm)	Flow (cfs)	Flow comments
impied	Kehiicate	sampled	(IIIg/L)	(ITIG/L)	(IIIg/L)	(IIIg/L)	(IIIg/L)	(HIG/L)	(HIG/L)	(HIG/L)	(IIIg/L)				tage Roa		(IIIg/L)	pr (30)	(uS/CIII)	(015)	Flow confinients
May-01		14:35	1.56	0.599	0.6	< 0.01	0.18	6.36	272	421	234	10	8.6	704	4	15.6	11.9	8.48	701	22.5	(Daily Avg streamflows for 10 yrs by USGS = 45.7)
May-01		10:30	1.45	0.345	0.37	0.02	0.28	0	289	449	237	9	0.0	744	5	12.3	13.7	8.43	748	19.5	(Daily Avg streamflows for 10 yrs by USGS = 33.8)
May-01	Υ	10:35	1.46	0.355	0.38	< 0.01	0.3	0	289	444	237	7		744	4	12.3	13.9	8.43	742	19.5	(Daily Avg streamflows for 10 yrs by USGS = 33.8)
Jun-01		9:55	2.21	0.607	0.63	0.03	0.36	0	310	494	254	6		823	4	13.9	8.9	8.18	822	22	(Daily Avg streamflows for 10 yrs by USGS = 30.8)
Jul-01		10:40	2.6	0.747	0.83	0.06	0.36	0	307	450	252	30		752	15	18.1	8.6	8.37	763	32.4	(Daily Avg streamflows for 10 yrs by USGS = 22)
Aug-01	1.6	13:20	1.86	0.255	0.29	0.05	0.44	0	328	553	269	5	8.3	927	4					20.8	*Daily Avg streamflows for 10 yrs by USGS
Aug-01 Sep-01	Υ	13:20 8:50	1.85 1.36	0.255 0.268	0.29	0.05	0.45 0.24	0	329 316	552 470	270 259	12 6	8.3 8.3	929 820	5	11	10.1			20.8 30.2	*Daily Avg streamflows for 10 yrs by USGS *Daily Avg streamflows for 10 yrs by USGS
Sep-01		8:50	1.48	0.264	0.32	0.02	0.24	0.98	316	465	261	8	8.4	817	5	- 11	10.1			30.2	*Daily Avg streamflows for 10 yrs by USGS
Oct-01		8:50	0.41	0.024	0.134	< 0.01	0.23	0.98	310	391	256	56	8.4	686	24	5	11.7			32.8	*Daily Avg streamflows for 10 yrs by USGS
Vov-01		8:40	0.41	0.019	0.094	0.02	0.27	0.49	296	392	244	48	8.4	690	17	1	17			40.3	*Daily Avg streamflows for 10 yrs by USGS
Dec-01		8:40	0.78	0.032	0.081	0.03	0.24	0	310	442	254	25	8	766	12	1	15			33.8	*Daily Avg streamflows for 10 yrs by USGS
Jan-02		12:25	0.61	0.04	0.117	0.02	NE ¹	5.39	292	409	248	92	8.5	698	24	1	12			36.1	*Daily Avg streamflows for 10 yrs by USGS
eb-02		9:30	0.67	0.05	0.3	0.05	0.75	0	300	372	246	215	8.2	683	86	1				104	*Daily Avg streamflows for 10 yrs by USGS
1ar-02		9:35	0.47	0.086	0.8	0.1	1.99	2.94	352	511	294	778	8.4	972	148	4.4	11.6	8.45	1011	72.4	*Daily Avg streamflows for 10 yrs by USGS
ay-02		8:30	0.64	0.044	0.168	0.02	0.42	0	285	429	234	101	8.3	730	45	8.2	11.7	8.1	764	40.9	*Daily Avg streamflows for 10 yrs by USGS
un-02		11:00	0.88	0.126	0.168	0.01	0.39	2.45	287	453	239	6	8.4	777	4					24	Estimate. (Daily Avg streamflows for 10 yrs by USGS = 33
lun-02 ul-02		12:00 11:00	1.52 2.47	0.402	0.44	0.03	0.34	8.81 9.3	280 300	457 531	244 262	6 8	8.6 8.6	759	4					20 15	Estimate. (Daily Avg streamflows for 10 yrs by USGS = 22
ui-02 Jul-02		10:15	2.47	0.527	0.53 0.85	0.04	0.38 0.35	1.96	299	445	248	12	8.4	862 743	9	17.5	8.6	8.06	376	40	Estimate. (Daily Avg streamflows for 10 yrs by USGS = 18 Estimate. (Daily Avg streamflows for 10 yrs by USGS = 26
ug-02		10:40	1.26	0.379	0.39	< 0.01	0.32	7.34	290	440	250	2	8.6	751	3	16.6	8.8	8.59	348	14	Estimate: (Daily Avg streamflows for 10 yrs by USGS = 20
ep-02		9:15	2.29	0.651	0.68	0.02	0.26	0	311		255	7	8.3	777	4	11.5	7.3	7.86	1346	44	Estimate. (Daily Avg streamflows for 10 yrs by USGS = 28
ct-02		15:30	1.03	0.051	0.1	0.02	0.36	7.83	306		264	24	8.6	829	12	12.68	15.27	8.54	811	12	Estimate. (Daily Avg streamflows for 10 yrs by USGS = 27.
ov-02		13:15	0.47	0.028	0.115	0.03	0.38	0	337		276	68	8.3	750	24	2.7	11.9	8.23	425	40	Estimate. (Daily Avg streamflows for 10 yrs by USGS = 39.
Nov-02		9:30	0.41	0.032	0.091	< 0.01	0.27	0.98	319		263	47	8.4	702	17					50	Estimate. (Daily Avg streamflows for 10 yrs by USGS = 40.
Dec-02		9:30	0.47	0.039	0.2	< 0.01	0.38	0	306		251	127	8.3	675	30	1	10.9	8.21	1220	34.1	*Daily Avg streamflows for 10 yrs by USGS
lul-01		8:55	0.2	0.004	0.023	0.02	0.28	0	154	201	126	3	Ceda	r Spillwa 332	y 3	21.5	8	8.53	336		
ug-01		11:00	< 0.01	< 0.003	0.023	< 0.02	0.20	8.81	124	177	116	< 1	8.7	318	< 1	17	8.9	0.55	330		
Sep-01		9:25	0.01	< 0.003	0.026	< 0.01	0.3	2.45	134	193	114	8	8.5	319	1	16	9.6				
Sep-01	Υ	9:25	0.02	< 0.003	0.023	< 0.01	0.36	1.96	138	188	116	6	8.5	316	1						
lay-02		11:15	< 0.01	0.004	0.068	< 0.01	0.33	5.39	125	188	111	16	8.8	299	8	11.9	12.4	8.84	309		
un-02		12:00	0.01	< 0.003	0.042	< 0.01	0.22	2.94	135	187	116	22	8.5	314	4					54	ASCC staff gage and table
Jun-02	3.6	16:00	< 0.01	< 0.003	0.022	0.02	0.52	7.83	132	177	121	11	8.7	311	3					35.2	ASCC staff gage and table
Jun-02	Y	16:00	0.01 < 0.01	< 0.003	0.022	0.02	0.47	8.81 2.94	129 148	183 191	120	11 7	8.8 8.5	311 322	3					35.2 8.5	ASCC staff gage and table
Jul-02 Jul-02		10:15 11:10	0.02	< 0.003	0.018	< 0.02	0.18 0.18	3.92	148	187	126 124	4	8.7	314	3	21	8.2	8.48	159	48.4	ASCC staff gage and table ASCC staff gage and table
ua-02		9:20	< 0.01	< 0.003	0.021	0.01	0.10	3.43	128	107	111	4	8.6	294	2	18	8.4	8.41	135	32.8	ASCC staff gage and table
ug-02		10:30	< 0.01	< 0.003	0.013	0.02	0.15	4.9	120		107	< 1	8.8	295	1	18.2	8	8.72	254	7.8	ASCC staff gage and table
															kin Road						
1ay-01		11:55	1.45	0.012	0.014	< 0.01	0.16	3.43	241	331	203	8	8.5	546	2	14.1	9.9	8.27	543	17.9	
1ay-01		12:15	1.57	0.012	0.016	0.01	0.05	0	245	330	201	3		537	< 1	15.4 11.1	11.4	8.35	527	20.8	
un-01 un-01	Y	10:50 10:55	1.51 1.52	0.008	0.034	0.02	0.09	0	246 247	328 338	202	3		541 541	< 1	11.1	10.2	8.28 8.27	541 541	19.8 19.8	
uri-01 ul-01	ſ	11:35	1.73	0.007	0.022	< 0.01	0.07	0	247	313	203	2		535	1	15.9	11.6	8.42	535	17.7	
ep-01		9:40	1.35	0.000	0.029	0.01	0.41	1.47	247	326	205	2	8.4	545	< 1	9	11.9	0.72	000	17.7	
ct-01		9:30	1.6	0.011	0.052	0.01	0.28	0	256	336	210	13	8.2	552	7	7	11.5				
lov-01		9:25	1.62	0.014	0.028	0.03	0.28	0	252	337	207	11	8.3	556	4	5	12.5				
lov-01	Υ	9:25	1.63	0.014	0.023	0.02	0.24	0	252	333	207	11	8.3	557	3						
ec-01		9:30	1.63	0.016	0.076	0.06	0.88	0	253	334	207	48	8.1	555	11	6	11				
Jan-02		11:25	1.07	0.015	0.026	< 0.01	NE ¹	0	228	290	187	9	8.3	487	3	7	12				
eb-02		10:25	1.62	0.016	0.022	0.04	0.2	0	249	326	204	5	8.2	557	1	4					
1ar-02		10:20	1.56	0.013	0.029	0.02	0.31	0	253	341	207	26	8.3	555	3	9.7	10.8	8.29	570		
lay-02		14:30	1.52	0.009	0.021	0.01	0.16	3.43	241	332	203	8	8.5	539	3	13.8	13.2	8.32	560	40	February
lun-02 Jun-02		12:00 13:00	1.38 1.36	0.006	< 0.01	0.02	0.16	3.43 5.39	240 232	329 278	203 199	6 3	8.5 8.5	537 526	2 < 1			\vdash		48 57	Estimate Estimate
Jun-02 Jul-02		13:00	1.36	0.006	0.029 0.027	0.01	0.08 0.15	5.39	232	334	201	<u>3</u>	8.5	526	< 1					120	Estimate Estimate

14:00

10:15

10:15

15:15

14:30

14:30

14:30

2.07

1.78

1.78

1.86

1.67

1.64

0.031

0.005

0.005

0.004

0.018

0.025

1.65 0.026

0.038

0.033

0.036

0.094

0.042

0.046

0.044

0.09

0.02

0.02

0.04

0.1

0.08

0.06 0.39

0.27

0.39

0.39

0.94

0.36

0.36

0

2.45

2.45

8.81

10.3

10.3

10.3

254

247

248

225

221

219

26-Mar-02

1-May-02

1-May-02

3-Jun-02

26-Jun-02

9-Jul-02

9-Jul-02

*Daily Avg streamflows for 4 yrs in the 1980's by USGS

Estimate. (Daily Avg streamflows for 4 yrs in the 1980's by USGS = 34.8)

Estimate. (Daily Avg streamflows for 4 yrs in the 1980's by USGS = 34.8)

Estimate. (Daily Avg streamflows for 4 yrs in the 1980's by USGS = 44.0)

Estimate. (Daily Avg streamflows for 4 yrs in the 1980's by USGS = 30.8)

Estimate. (Daily Avg streamflows for 4 yrs in the 1980's by USGS = 43.3)

Estimate. (Daily Avg streamflows for 4 yrs in the 1980's by USGS = 43.3)

Tabla ⊏ 4	Continu	ad																			
Table E-1.	Continu	eu.			_		1		1								1				
Date		Time	NO ₃ +NO ₂	Ortho P	Total P	NH₃	TKN	CO ₃	HCO ₃	TDS-180	Alkalinity	SS	Lab pH	Lab EC	Turbidity	Field	DO	Field	Field EC	Flow	
sampled	Replica	ate sampled	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(SÚ)	(u S/cm)	(NTU)	Temp (°C)	(mg/L)	pH (SU)	(uS/cm)	(cfs)	Flow comments
	1	I		1	1	1		1			<u> </u>	Clea	r Creek a	t Sheeps	kin Road		<u> </u>	1	1		
23-Jul-02		11:20	1.46	0.007	0.039	0.02	0.1	4.41	238	321	203	2	8.5	534	< 1	14.6	11.1	8.33	269	80	Estimate
13-Aug-02		12:15	1.36	0.006	0.012	< 0.01	0.1	3.43	240		203	1	8.4	529	1	13.6	11.9	8.43	242	20	Estimate
18-Sep-02		10:30	1.48	0.008	0.018	< 0.01	0.08	1.96	245		204	1	8.4	550	< 1	10.2	9.8	8.03	950	20	Estimate
9-Oct-02		10:45	1.54	0.006	0.011	< 0.01	0.08	0	249		204	< 1	8.3	646	< 1	8.8	10.9	8.23	534	15	Estimate
29-Oct-02		10:30	1.5	0.006	0.026	0.01	0.1	0	247		203	2	8.3	549	< 1	8.6	11.3	7.77	308	17	Estimate
26-Nov-02		9:10	1.64	0.012	0.035	0.01	0.38	0	252		207	23	8.2	552	6	F.0	0.0	0.11	005	30	Estimate
18-Dec-02		11:15	1.6	0.014	0.077	0.03	0.52	0	252		207	38 Calls	8.2	553 eway nea	10	5.9	9.2	8.11	985		No flow data
15-May-01	1	13:15	0.02	0.006	0.064	0.08	0.85	1.96	226	767	189	12	3m wasi 8.4	.eway nea	sr Steriini 5	15.9	9.3	8.54	1165	3	
29-May-01		11:40	0.02	0.008	0.069	0.05	1.14	0	204	768	167	15	0.4	1153	8	18	12.7	9.03	1162	2.5	
11-Jun-01		9:55	< 0.01	0.004	0.048	0.02	0.69	Ö	175	523	144	12		794	6	16.2	11.6	9.05	804	4.1	
3-Jul-01		10:10	0.01	0.009	0.03	0.02	0.67	Ŏ	158	587	130	5		881	5	20.8	9.7	8.92	891	1.5	
3-Jul-01	Y	10:15	0.02	0.01	0.027	0.1	0.69	0	159	564	130	5		883	5	20.8	9.6	8.92	890	1.5	
1-Aug-01	<u> </u>	9:40	0.18	0.073	0.155	0.92	2.46	Ö	208	785	171	32	8.2	1222	8	13	7.4	0.02	- 000	1.0	
24-Aug-01		9:05	3	0.028	0.053	0.12	0.32	0	292	544	239	4	8	887	2						
18-Sep-01		10:45	0.57	0.01	0.063	0.11	1.22	0	333	656	273	31	8.3	1050	4	12	3.5				
23-Oct-01		8:40	0.02	0.016	0.046	0.08	1.06	0	317	1830	260	11	8.2	2400	5	7	6.2				
27-Nov-01		10:45	0.67	0.006	0.021	0.02	0.56	3.92	287	946	242	2	8.6	1349	2	1	16				
3-Jun-02		16:00	0.84	0.004	0.036	0.01	0.68	12.7	233	548	212	10	8.8	867	6					7	Estimate
27-Jun-02		15:00	0.12	0.022	0.076	0.03	0.6	8.32	209	550	185	20	8.7	821	4					12	<u>Estimate</u>
10-Jul-02		9:15	0.13	0.051	0.07	0.03	0.43	0	219	481 467	180	2	8.1	743	2	47.0	F 0	7.0	200	18 8	Estimate
24-Jul-02 12-Aug-02		9:45 10:55	0.57 1.13	0.028	0.047	0.02	0.41	0	244 238	467	200 195	4	8.1 8.3	708 559	2	17.6 15.1	5.3 7.5	7.9 8.02	360 299	8	Estimate Estimate
5-Nov-02		10:35	0.22	0.007	0.028	0.03	0.26	6.36	264		227	3	8.6	1204	3	1.7	14.6	8.47	684	2	Estimate
25-Nov-02		12:30	0.63	< 0.003	< 0.013	0.03	0.56	9.79	278		244	4	8.7	1327	2	1.7	14.0	0.47	004	2	Estimate
17-Dec-02		15:15	1.84	0.007	0.035	0.16	0.68	0	347		285	9	8.3	1372	4	1.9	12.1	7.86	2420	1.5	Estimate
15-Jan-03		10:00	1.82	0.007	0.021	0.17	0.53	0	331		271	5	8.1	1427	4	1					No flow data
10-Feb-03		10:21	2.6	< 0.003	0.022	0.08	0.5	0	354		290	5	8.1	1655	3						No flow data
1-Apr-03		11:15	0.3	0.003	0.098	0.06	1.24	4.92	357		301	23	8.5	1796	10	8.4	10.3	8.02		2	Estimate
24-Apr-03		11:10	0.18	< 0.003	0.099	0.03	0.8	0	289		237	11	8.2	1343	4	10.2	9	7.91		2	Estimate
4-Jun-03		12:30	0.02	0.003	0.036	0.01	0.67	4.43	196		168	6	8.5	797	5					5	Estimate
18-Jun-03		11:00	0.02	0.007	0.032	0.01	0.52	0	204		167	4	8.2	727	2	21.5	6.5	7.99			No flow data.
10.0 01		9:50	0.96	0.014	0.026	0.02	0.34	0	1 220	274	189			stal Creek		9.5	9.5				
19-Sep-01		1 9.50	1 0.96	0.014	1 0.026	0.02	0.34	1 0	230	214		9 Covetal 9	8.3 Springe (480 Creek bel	2 ow batch		9.5				
16-May-01		10:40	2.13	0.014	0.075	< 0.01	0.46	1.47	257	513	213	101	8.4	848	19	12	9.8	8.03	844	90	(Daily Avg streamflows for 4 yrs in the 1980's by USGS = 46)
29-May-01		13:45	2.04	0.014	0.068	0.08	0.43	0	248	501	203	19	0.7	829	3	14.5	11.6	8.41	834	48	(Daily Avg streamflows for 4 yrs in the 1980's by USGS = 48)
11-Jun-01		11:30	1.98	0.008	0.042	0.09	0.43	Ŏ	257	504	211	11		823	3	15.3	11.9	8.24	830	59	(Daily Avg streamflows for 4 yrs in the 1980's by USGS = 52)
11-Jun-01	Y	11:30	1.96	0.008	0.047	0.08	0.42	Ŏ	256	503	210	13		826	3	15.3	11.6	8.32	831	59	(Daily Avg streamflows for 4 yrs in the 1980's by USGS = 52)
3-Jul-01		11:25	1.79	0.019	0.046	0.08	0.41	0	246	485	202	10		774	4	18.6	11.6	8.52	780	52	(Daily Avg streamflows for 4 yrs in the 1980's by USGS = 40.3)
2-Aug-01		10:15	1.77	0.01	0.028	0.03	0.38	7.34	231	430	202	11	8.6	722	< 1	14	14.1			43	*Daily Avg streamflows for 4 yrs in the 1980's by USGS
2-Aug-01	Y	10:15	1.75	0.01	0.025	0.02	0.32	10.3	224	426	201	10	8.6	723	< 1					43	*Daily Avg streamflows for 4 yrs in the 1980's by USGS
24-Aug-01		9:55	1.66	0.014	0.04	0.04	0.34	0	242	395	198	14	8.3	692	2					42.3	*Daily Avg streamflows for 4 yrs in the 1980's by USGS
18-Sep-01		11:50	1.47	0.015	0.046	0.03	0.36	1.47	239	405	198	6	8.4	670	11	14	12.9			51.3	*Daily Avg streamflows for 4 yrs in the 1980's by USGS
23-Oct-01	1	9:20	1.8	0.026	0.058	0.05	0.25	0	245	420	201	6	8.3	691	2	8	12.3			42.3	*Daily Avg streamflows for 4 yrs in the 1980's by USGS
27-Nov-01	V	10:00	1.84	0.032	0.065	0.04	0.25	0.98	245	445	203	5	8.4	718	2	4	14			36.7	*Daily Avg streamflows for 4 yrs in the 1980's by USGS
27-Nov-01 18-Dec-01		10:00 10:40	1.85 1.97	0.034	0.065	0.03	0.22	0	279 249	443 450	229 204	6 4	8.3 8.2	718 745	2	5	14			36.7 37.7	*Daily Avg streamflows for 4 yrs in the 1980's by USGS *Daily Avg streamflows for 4 yrs in the 1980's by USGS
			+										+								
16-Jan-02		10:10	2.07	0.041	0.061	0.11	NE ¹	0	256	463	210 213	10 7	8.2 8.2	782	<u>4</u> 3	4	12			38.7 42.7	*Daily Avg streamflows for 4 yrs in the 1980's by USGS
25-Feb-02		12:00	2.07	0.04	0.053	0.11	0.38	0	260	467	213	- /	8.2	812	3	4 4	40.4	0.40	044	42.1	*Daily Avg streamflows for 4 yrs in the 1980's by USGS

DRAFT 7/13/04

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Table E-1. Continued.

																E: 11					
Date		Time	NO ₃ +NO ₂		Total P	NH₃	TKN	CO ₃	HCO₃	TDS-180	Alkalinity	SS		Lab EC		Field	DO	Field	Field EC	Flow	
sampled	Replicate	sampled	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(SU)	(u S/cm)	(NTU)	Temp (°C)	(mg/L)	pH (SU)	(uS/cm)	(cfs)	Flow comments
												Crystal	Springs	Creek bel	low hatch	nery					
23-Jul-02		14:30	1.6	0.026	0.057	0.06	0.37	10.8	214	386	194	7	8.7	696	1	19.6	12.7	8.69	354	51	Estimate. (Daily Avg streamflows for 4 yrs in the 1980's by USGS = 35.7)
12-Aug-02		13:20	1.51	0.02	0.053	0.07	0.36	3.92	227		193	10	8.5	676	3	17.6	10.8	8.45	311	47	Estimate. (Daily Avg streamflows for 4 yrs in the 1980's by USGS = 47.3)
28-Aug-02		12:55	1.5	0.03	0.093	0.08	0.51	3.92	236		200	30	8.6	663	6	15.4	7.3	8.04	584	51	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 42.7)
17-Sep-02		13:15	1.47	0.028	0.053	0.07	0.33	0.98	238		197	10	8.4	656	2	12.6	9	8.06	117	50	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 51.7)
8-Oct-02		13:00	1.37	0.028	0.042	0.01	0.28	0	237		194	5	8.3	647	2	11.97	11.45	8.23	630	58	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 39.7)
29-Oct-02		13:40	1.48	0.026	0.043	0.06	0.28	0	229		188	5	8.3	651	2	8	13.2	8.27	361	52	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 44.0)
25-Nov-02		14:15	1.55	0.037	0.051	0.11	0.27	0	244		200	4	8.3	670	2					51	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 38.7)
18-Dec-02		14:15	1.69	0.035	0.058	0.08	0.24	0	244		200	4	8.2	689	1	5.2	10.9	8.13	1228	55	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 37.7)
15-Jan-03		11:20	1.78	0.032	0.04	0.13	0.2	0	248		203	2	8.2	734	1	7				49	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 39.7)
10-Feb-03		11:10	1.86	0.029	0.06	0.12	0.34	0	255		209	9	8.2	757	3					38	*Daily avg streamflows for 4 yrs in the 1980's by USGS
12-Mar-03		11:30	1.77	0.028	0.051	0.1	0.33	0	256		210	8	8.3	768	2	9.3	10.8	8.13		48	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 38.3)
1-Apr-03		13:00	1.59	0.018	0.041	0.07	0.35	1.48	249		207	5	8.4	760	2	11	11.7	8.13		49	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 33.7)
24-Apr-03		9:30	1.66	0.003	0.037	0.09	0.37	0	258		212	6	8.1	782	2	9.1	10.5	7.67		50	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 37.0)
12-May-03		11:50	1.55	< 0.003	0.022	0.12	0.24	3.44	241		203	3	8.5	771	1	13.4	13.4	8.3		68	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 46.8)
4-Jun-03		13:45	1.13	< 0.003	0.025	< 0.01	0.35	19.7	177		178	6	8.9	701	2					55	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 43.8)
4-Jun-03	Y		1.14	< 0.003	0.025	0.03	0.37	16.7	180		175	5	8.9	697	1					55	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 43.8)
18-Jun-03		13:10	1.03	0.004	0.02	0.04	0.56	11.8	201		185	4	8.7	693	< 1	20.8	14.2	8.79		50	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 37.8)
8-Jul-03		9:45	0.88	< 0.003	0.02	0.02	0.29	1.48	230		191	4_	8.4	670	1	16.1				17	Estimate. (Daily avg streamflows for 4 yrs in the 1980's by USGS = 46.3)
10.11 01	1	0.55	0.74	0.04	0.000	0.04	0.40	1 4 47	0.10	0.40	470			Creek nea		444		0.00	F7.4	10.0	(D. 11.4
16-May-01		9:55	0.74	0.01	0.026	< 0.01	0.18	1.47	212	349	176	8	8.4	578	3	14.1	8.9	8.23	574	42.2	(Daily Avg streamflows for 6 yrs in the 1980's by USGS = 63.2)
29-May-01		13:20	0.71	0.014	0.038	0.02	0.2	0	197	317	162	8		520	2	18	9.8	8.54	525	50.5	(Daily Avg streamflows for 6 yrs in the 1980's by USGS = 64.7)
11-Jun-01		11:00 11:00	0.55	0.007 0.01	0.027	0.02 < 0.01	0.2	0	190	301	156	4 5		499 484	1	16.7 19.8	11.2 9.8	8.65	501 486	46.9	(Daily Avg streamflows for 6 yrs in the 1980's by USGS = 67.5)
3-Jul-01		9:40	0.5 0.47	0.008	0.025 0.017	0.01	0.22 0.2	3.92	187 185	316 281	153 158	6	8.5	484	3 < 1	19.8	11.2	8.65	486	55.7 64.8	(Daily Avg streamflows for 6 yrs in the 1980's by USGS = 64.5) *Daily Avg streamflows for 6 yrs in the 1980's by USGS
2-Aug-01		9:40	0.47	0.008	0.017	0.01	0.21	0	197	281	162	6	8.3	474	< 1	10	11.2			64.8	*Daily Avg streamnows for 6 yrs in the 1980's by USGS *Daily Avg streamflows for 6 yrs in the 1980's by USGS
24-Aug-01 24-Aug-01	V	9:40	0.54	0.012	0.029	0.02	0.21	0	197	276	162	7	8.2	485	1					64	*Daily Avg streamlows for 6 yrs in the 1980's by USGS *Daily Avg streamflows for 6 yrs in the 1980's by USGS
18-Sep-01	T	11:30	0.64	0.007	0.028	0.02	0.27	1.47	196	296	163	8	8.4	480	1	14	12.9			65.7	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
23-Oct-01		9:10	0.49	0.007	0.039	0.03	0.27	0	203	304	166	6	8.2	508	2	8	9.3			66	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
23-Oct-01	Y	9:10	0.82	0.012	0.025	0.03	0.23	0	203	305	166	4	8.3	509	2	0	9.5			66	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
27-Nov-01		10:10	0.94	0.012	0.026	0.03	0.22	0	206	315	169	8	8.3	526	2	3	13			56.3	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
18-Dec-01		10:50	1.1	0.012	0.044	0.03	0.10	0	216	327	177	14	8.2	546	4	4	12			54.5	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
					0.041		NE ¹	0	217					557	4	-				53.3	
16-Jan-02 25-Feb-02		10:00 12:15	1.17	0.024	0.041	0.07	0.27	0	217	317 329	178 179	8	8.2 8.2	568	3	3	13.5			56.3	*Daily Avg streamflows for 6 yrs in the 1980's by USGS *Daily Avg streamflows for 6 yrs in the 1980's by USGS
26-Mar-02		14:15	1.03	0.006	0.038	0.07	0.27	0	223	329 339	183	16	8.3	586	3	11.5	11.1	8.38	611	52.5	*Daily Avg streamlows for 6 yrs in the 1980's by USGS *Daily Avg streamflows for 6 yrs in the 1980's by USGS
1-May-02		9:30	0.93	0.005	0.035	0.02	0.24	0	218	350	179	8	8.3	580	4	10.8	11.6	8.15	608	59.6	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
3-Jun-02		14:45	0.93	0.003	0.033	0.02	0.32	2.45	197	318	166	10	8.5	530	3	10.0	11.0	0.13	000	60	Estimate. (Daily Avg streamflows for 6 yrs in the 1980's by USGS = 67.0)
26-Jun-02		14:45	0.53	0.007	0.044	0.03	0.32	9.3	164	280	150	8	8.7	469	2					65.2	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
9-Jul-02		15:00	0.49	0.007	0.018	0.02	0.10	7.83	163	292	147	7	8.7	463	2					53	Estimate. (Daily Avg streamflows for 6 yrs in the 1980's by USGS = 63.0)
23-Jul-02		14:45	0.49	0.011	0.045	0.01	0.22	7.34	174	278	155	6	8.7	467	2	20.4	11.4	8.66	236	62.5	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
12-Aug-02		13:00	0.4	0.008	0.042	0.02	0.21	5.88	172		151	6	8.6	451	1	14.2	11.3	8.58	207	69.5	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
28-Aug-02		12:40	0.44	0.011	0.023	< 0.01	0.22	2.94	188		159	6	8.5	457	1	16.6	9.4	8.35	403	51	Estimate. (Daily avg streamflows for 6 yrs in the 1980's by USGS = 64.2)
17-Sep-02		12:45	0.6	0.014	0.03	0.03	0.18	0	202		166	5	8.3	497	1	14.1	8.3	8.06	89	39	Estimate. (Daily avg streamflows for 6 yrs in the 1980's by USGS = 65.3)
8-Oct-02		13:30	0.56	0.007	0.023	0.03	0.22	1.96	188		157	8	8.5	468	2	12.97	11.73	8.47	457	67.6	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
29-Oct-02		14:15	0.79	< 0.003	0.033	0.03	0.36	0	193		158	12	8.3	493	3	8.9	11.7	8.33	276	50	Estimate. (Daily Avg streamflows for 6 yrs in the 1980's by USGS = 62.3)
25-Nov-02		13:45	0.9	0.007	0.045	0.05	0.42	0	208		171	18	8.3	510	4	0.0	11.1	0.00	210	40	Estimate. (Daily Avg streamflows for 6 yrs in the 1980's by USGS = 56.8)
18-Dec-02		14:45	0.95	0.02	0.041	0.06	0.12	Ů.	204		167	9	8.2	518	2	5.3	10.4	8.2	922	36	Estimate. (Daily Avg streamflows for 6 yrs in the 1980's by USGS = 54.5)
15-Jan-03		11:00	1.04	0.018	0.034	0.09	0.16	ŏ	209		171	9	8.1	536	2	6				53.3	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
10-Feb-03		10:55	1.05	0.013	0.045	0.07	0.25	0	213		175	15	8.2	544	4					54	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
12-Mar-03		11:00	0.93	< 0.003	0.054	0.03	0.41	0	220		180	22	8.3	555	6	8.6	10.9	8.2		53.8	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
1-Apr-03		12:45	0.94	0.007	0.049	0.01	0.32	0.98	216		179	16	8.4	553	4	10.6	10.3	8.1		52.3	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
24-Apr-03		9:45	0.76	< 0.003	0.046	0.05	0.38	0	216		177	21	8.2	542	4	10.7	9.8	7.94		58.4	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
12-May-03		11:20	0.7	< 0.003	0.036	0.03	0.2	0	204		167	22	8.3	513	3	13.1	9.9	8.14		63	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
4-Jun-03		13:30	0.48	0.005	0.032	0.02	0.27	0	197		162	8	8.3	498	3					65.5	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
18-Jun-03		12:45	0.33	0.004	0.028	< 0.01	0.23	3.44	178		152	7	8.5	472	1	20.7	10.8	8.51		66	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
8-Jul-03		10:00	0.31	0.006	0.02	0.02	0.22	1.48	175		146	5	8.4	445	2	16.7				63.7	*Daily Avg streamflows for 6 yrs in the 1980's by USGS
8-Jul-03	Υ	10:00	0.32	0.004	0.022	0.02	0.22	2.46	173		146	4	8.5	445	2					63.7	*Daily Avg streamflows for 6 yrs in the 1980's by USGS

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Table E-1.	Continued.																				
D-4-		T:	NO ₃ +NO ₂	A44.5	Takain	NH₃	TIZNI	CO₃	HCO ₃	TDC 400	0.01	00			Total Calle	Field	D0	F:-14	ELLI EA	E1	
Date	Donlingto	Time		Ortho P	Total P		TKN		-	TDS-180	Alkalinity	SS		Lab EC (u S/cm)			DO /mail.\	Field	Field EC	Flow	Flow comments
sampled	Replicate	sampled	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	, ,	, ,	, ,	Temp (°C)	(mg/L)	pH (SU)	(uS/CIII)	(cfs)	Flow confinients
															rd Creek						
15-May-01		11:00	0.06	0.003	0.082	0.03	0.78	0.98	163	227	135	36	8.4	385	10	15.2	8.7	8.6	379	58	*Preliminary flow from Idaho Power Gage
15-May-01	Y	11:05	0.04	0.004	0.082	0.02	0.61	1.96	161	228	135	37	8.5	382	10	15.2	8.7	8.63	378	58	*Preliminary flow from Idaho Power Gage
29-May-01		10:55	0.13	0.01	0.084	0.04	0.49	0	172	235	141	33		395	9	16.2	10.6	8.7	381	34.8	*Preliminary flow from Idaho Power Gage
11-Jun-01		9:05	0.2	0.013	0.06	0.04	0.26	0	171	240	140	14		390	5	16.3	10.5	8.45	393	24.2	*Preliminary flow from Idaho Power Gage
3-Jul-01		9:30	0.21	0.009	0.053	0.02	0.27	0	163	225	134	8 7	0.0	364	6	21.4	8	8.5	368	23.1	*Preliminary flow from Idaho Power Gage
1-Aug-01	Y	10:20 10:20	0.89 0.92	0.047 0.048	0.077	0.12	0.39	0	197 199	302	162		8.2 8.3	511 511	1	14	8.8			7.6 7.6	*Preliminary flow from Idaho Power Gage
1-Aug-01 22-Aug-01	Y	10:20	0.92	0.048	0.076	0.12 0.36	0.42 0.86	0	199	292 309	163 162	5 16	8.2	511	6					6.6	*Preliminary flow from Idaho Power Gage *Preliminary flow from Idaho Power Gage
18-Sep-01		10:10	0.16	0.063	0.063	0.36	0.82	0	156	217	128	11	8.3	369	2	15	10.2			27.5	*Preliminary flow from Idaho Power Gage
23-Oct-01		8:11	4.94	0.393	0.46	0.03	0.02	0	274	560	225	2	8.2	893	2	8	7.5			1.3	*Preliminary flow from Idaho Power Gage
27-Nov-01		11:15	5.86	0.393	0.54	0.05	0.44	0	278	557	228	2	8.3	892	1	2	12			1.0	*Preliminary flow from Idaho Power Gage
18-Dec-01		11:55	3.5	0.474	0.54	0.62	1.03	0	288	556	236	2	8.2	889	1	2	11.5			1.0	*Preliminary flow from Idaho Power Gage
16-Jan-02		9:10	3.98	0.425	0.49	1.88	NE ¹	0	280	544	230	5	8.1	872	4	1	11			1.0	*Preliminary flow from Idaho Power Gage
25-Feb-02		13:30	3.97	0.423	0.56	1.41	2.28	0	270	540	221	9	8.1	857	6	3	- ' '			1.0	*Preliminary flow from Idaho Power Gage
26-Mar-02		15:30	3.08	0.495	0.6	2.41	3.28	0	321	618	263	10	8.3	988	5	11.8	13.2	8.33	1023	1.5	*Preliminary flow from Idaho Power Gage
2-May-02		11:42	0.04	0.005	0.117	< 0.01	0.51	2.94	130	171	112	49	8.7	306	13	12.6	12.7	8.78	316	63.0	Published flow by Idaho Power
3-Jun-02		12:45	0.09	0.014	0.055	< 0.01	0.34	5.39	133	199	118	15	8.8	328	6					46.0	Published flow by Idaho Power
27-Jun-02		15:30	0.17	0.025	0.059	0.03	0.52	15.2	140	222	140	9	9	371	6					23.0	Published flow by Idaho Power
10-Jul-02		9:45	0.14	0.05	0.064	0.05	0.28	0.98	168	223	139	4	8.4	375	2					16.0	Published flow by Idaho Power
24-Jul-02		10:25	0.07	0.038	0.067	0.01	0.31	2.45	152	188	129	8	8.5	332	2	20.6	8.8	8.41	168	40.0	Published flow by Idaho Power
24-Jul-02	Υ	10:25	0.06	0.038	0.075	< 0.01	0.32	2.45	151	196	128	8	8.5	332	2	20.6	8.8	8.41	168	40.0	Published flow by Idaho Power
12-Aug-02		14:15	0.12	0.015	0.054	0.04	0.48	13.7	116		118	7	9.1	318	3	20.9	12.9	9.06	146	28	Published flow by Idaho Power
28-Aug-02		11:10	0.2	0.016	0.034	0.01	0.22	4.9	142		125	2	8.7	355	1	17.2	10.6	8.69	314	21	Published flow by Idaho Power
17-Sep-02		11:00	3.27	0.267	0.3	0.03	0.71	0	308		253	3	8.3	955	1	11.8	7.7	7.87	170	1.7	Published flow by Idaho Power
8-Oct-02		11:00	3.22	0.182	0.22	0.03	0.49	0	293		240	3	8.1	877	1	9.12	9.53	7.87	857	2	*Preliminary flow from Idaho Power Gage
5-Nov-02		9:15	4.25	0.415	0.45	0.19	1.34	0	268		220	5	8	857	3	2.4	9	7.73	486	1.28	*Preliminary flow from Idaho Power Gage
25-Nov-02		11:00	4.22	0.258	0.27	0.29	0.54	0	289		237	4	8.2	870	< 1		0.4	7.45	1000	1.82	*Preliminary flow from Idaho Power Gage
17-Dec-02 15-Jan-03		14:30 9:30	2.74 5.2	0.727 0.433	0.82	0.45 0.82	5.4 3	0	294 297		241 244	5 3	7.9 7.9	913 921	3	5.1 4	8.4	7.45	1626	3.39 5.51	*Preliminary flow from Idaho Power Gage *Preliminary flow from Idaho Power Gage
10-Feb-03		9:30	3.7	0.433	0.49	2.54	2.7	0	297		244	8	8	905	3	3				7.06	*Preliminary flow from Idaho Power Gage
12-Mar-03		9:00	2.21	0.207	0.33	2.77	5.36	0	345		283	14	7.8	475	7	6	7.4	7.46		3.35	*Preliminary flow from Idaho Power Gage
1-Apr-03		10:45	2.81	0.301	0.70	2.2	2.2	ŏ	301		247	7	8.2	913	3	8.6	8.1	7.87		1.01	*Preliminary flow from Idaho Power Gage
24-Apr-03		12:30	0.02	< 0.003	0.04	< 0.01	0.36	3.44	139		120	12	8.6	345	4	11.5	10.6	8.52		47.7	*Preliminary flow from Idaho Power Gage
12-May-03		9:30	0.02	< 0.003	0.038	< 0.01	0.33	2.46	132		112	11	8.5	310	4	11.8	9.8	8.1			
4-Jun-03		11:30	0.08	0.01	0.036	0.01	0.27	3.44	137		118	7	8.6	312	3						
18-Jun-03		10:14	0.17	0.034	0.055	0.01	0.24	0	166		136	3	8.3	371	2	19.4	8.6	8.07			
7-Jul-03		15:20	0.12	0.038	0.069	0.02	0.31	5.9	143		127	4	8.7	328	2	23.2	10.7	8.26			
													Tucker C								
11-Jun-01		12:25	2.9	0.038	0.05	< 0.01	0.12	0	272	498	223	< 1		815	< 1	11.8	11.7	7.64	836	17	
3-Jul-01		12:10	0.93	0.008	0.028	0.02	0.26	0	200	298	164	7	0.4	494	4	19.3	10.6	8.42	494		
2-Aug-01 24-Aug-01		10:45 10:25	0.86 0.77	0.006	0.013	0.02	0.37	2.45 0	199 190	297 254	167 156	5 7	8.4 8.2	508 463	< 1	16	12.5				
24-Aug-01 18-Sep-01		10:25	0.77	0.004	0.023	0.02	0.22	1.47	190	254	156	6	8.2	463	1	15	12.3				
23-Oct-01		9:35	0.73	0.000	0.031	0.02	0.3	0	209	309	171	4	8.3	521	2	8	12.5				
27-Nov-01		9:40	1.06	0.019	0.024	< 0.01	0.17	0	202	307	166	3	8.3	511	1	3	12.5				
18-Dec-01		10:30	1.22	0.016	0.028	0.03	0.16	0	207	314	170	3	8.2	534	1	3	14				
16-Jan-02		10:20	1.29	0.025	0.034	0.02	NE ¹	0	207	311	170	4	8.2	536	2	3	12.5				
25-Feb-02		11:30	1.23	0.029	0.034	0.02	0.17	0	202	294	166	8	8.2	520	2	3	14.0				
25-Feb-02	Y	11:30	1.22	0.029	0.038	0.02	0.2	0	203	254	166	8	8.2	522	2	_					
26-Mar-02		13:25	1.06	0.016	0.031	0.01	0.2	ő	200	296	164	11	8.3	501	2	8.6	13.2	8.36	530		
1-May-02		10:45	1.25	0.007	0.041	0.02	0.37	0	204	325	167	11	8.3	542	4	10.8	12.9	8.05	588	140	
4-Jun-02		14:15	0.47	< 0.003	0.04	< 0.01	0.32	6.36	155	242	138	20	8.7	407	5					300	Estimate
26-Jun-02		14:00	0.76	0.004	0.026	0.02	0.2	2.45	184	281	155	6	8.4	467	3					220	Estimate
9-Jul-02		13:45	0.83	0.007	0.039	0.04	0.22	3.43	187	303	159	7	8.5	478	2					270	Estimate
23-Jul-02		13:15	0.41	< 0.003	0.061	< 0.01	0.29	1.96	167	216	140	21	8.4	383	4	19.4	9.2	8.34	198	200	No flow data. Unsafe conditions to measure Q
13-Aug-02		13:15	0.44	0.004	0.026	< 0.01	0.24	1.96	168		141	6	8.4	399	2	18.3	10.5	8.51	189	200	Estimate
18-Sep-02		11:30	0.48	0.005	0.038	0.01	0.18	1.47	169	l	141	4	8.3	413	2	13	8.8	8.11	720		No flow data. Unsafe conditions to measure Q

Table	F 1	Continue	d
Table	C- I.	Continue	u

Table E-1. 0	Continued.																				
Б.			NO INO	0.1. 5	T	NILI	TIZNI	00	шсо	TD 0 400	W. H. C. 11	-00			- 1 · 0	Field	Б.О	E	F: 11F0	-	
Date	D	Time		Ortho P	Total P	NH ₃	TKN	CO ₃	HCO ₃	TDS-180	Alkalinity	SS		Lab EC			DO (122.01/L)		Field EC	Flow	
sampled	Replicate	sampled	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(SU)	(u S/cm)	(NTU)	Temp (°C)	(mg/L)	pH (SU)	(uS/cm)	(cfs)	Flow comments
												Mc ⁻	Tucker C	reek nea	r ponds						
9-Oct-02		13:15	1.06	0.015	0.035	0.02	0.2	0	213		175	2	8.3	540	1	11.7	11.5	8.29	514	160	Estimate
29-Oct-02		13:00	1.11	0.016	0.026	< 0.01	0.14	0	210		172	2	8.3	553	< 1	8	12.4	8.16	300	130	Estimate
29-Oct-02	Y	13:00	1.11	0.016	0.029	< 0.01	0.16	0	217		178	2	8.3	554	< 1					130	Estimate
25-Nov-02		15:00	0.95	0.011	0.019	< 0.01	0.1	1.47	197		164	4	8.4	505	1					120	Estimate
25-Nov-02	Υ	15:00	0.93	0.012	0.022	0.01	0.12	1.96	197		165	4	8.5	505	11					121	Estimate
18-Dec-02		13:45	1.09	0.016	0.035	0.01	0.13	0	202		166	2	8.2	516	< 1	4.9	11	8.25	914		No flow data.
15-Jan-03		12:00	1.13	0.012	0.021	0.04	0.08	0	201		165	4	8.2	519	1	5					No flow data
10-Feb-03		11:30	1.42	0.013	0.037	0.02	0.16	0	218		179	4	8.2	576	1	0.7	40	0.0		200	No flow data
12-Mar-03		12:00	1.2	0.015	0.04 0.049	0.02 0.02	0.25 0.26	0 1.48	212		174 171	10 11	8.3 8.4	550	3	8.7 9.6	12 11.3	8.2 8.11		280 200	Estimate Estimate
1-Apr-03 24-Apr-03		13:45 9:00	1.13 1.25	0.023	0.049	0.02	0.20	0	205 215		176	11	8	524 559	2	9.6	8.8	7.42		140	Estimate
12-May-03		13:00	1.25	< 0.003	0.039	0.03	0.29	0	211		173	5	8.3	554	2	13.6	13.2	8.2		270	Estimate
4-Jun-03		14:45	0.53	< 0.003	0.047	0.03	0.21	2.95	168		143	18	8.5	415	5	15.0	15.2	0.2		210	No flow data. Unsafe conditions to measure Q
18-Jun-03		13:45	0.33	< 0.003	0.045	0.02	0.32	0.98	178		148	18	8.4	422	4	19.4	10.3	8.42			No flow data: Offsare conditions to measure Q No flow data.
8-Jul-03		9:00	0.56	< 0.003	0.02	0.02	0.21	0.30	183		150	6	8.3	432	2	17.3	7.7	6.5		300	Estimate
0-001-05		3.00	0.50	~ 0.005	0.02	0.01	0.21		105		130			ins Creek		17.5	1.1	0.5		500	Laumate
29-May-01		12:45	0.15	0.026	0.2	0.05	0.75	0	236	395	194	102		632	19	17.4	9.3	8.42	561	2.9	
													Portr	neuf Rive							
16-May-01		13:40	2.18	1.163	1.22	< 0.01	0.2	0.98	281	407	232	7	8.4	677	3	15.3	8.9	7.57	663		
30-May-01		11:20	2.47	1.356	1.36	0.19	0.39	0	294	413	241	8		675	2	14.3	9.6	7.64	665		
													Sch	litz Drain							
15-May-01		9:20	0.01	0.003	0.056	< 0.01	0.3	0.98	157	224	130	27	8.4	371	9	14.7	7.8	8.6	369	6.7	
29-May-01		9:40	< 0.01	0.004	0.042	0.01	0.27	0	160	217	131	15		364	6	15.7	8.9	8.56	362	7.1	
			•									Seagull E	ay tribu	tary at Fr	ontage F	oad			•		
30-May-01		9:40	0.28	0.038	0.131	0.03	0.33	0	199	312	163	54		533	17	10.8	10.6	8.28	531	3.4	
12-Jun-01		9:10	0.12	0.042	0.101	0.05	0.59	0	197	291	162	nfirmed b	y rerun	500	28	14.3	8.3	8.29	499	8.7	
2-Jul-01		10:05	0.18	0.068	0.164	0.03	0.39	0	202	286	166	56		464	18	19.3	8.8	8.55	476	6.1	
1-Aug-01		12:35	0.68	0.174	0.24	0.04	0.65	5.88	214	434	185	18	8.5	729	4	20	12.5				
22-Aug-01		12:35	0.47	0.149	0.193	0.08	0.66	0	220	375	180	14	8.2	603	12						
19-Sep-01		11:45	0.22	0.029	0.18	0.04	0.68	2.45	183	260	154	62	8.4	452	36	15	9.5				
2-May-02		10:30	0.13	0.03	0.98	0.08	1.38	4.41	205	271	175	1337	8.5	459	260	9.4	13	8.48	474	20	Estimate
4-Jun-02		10:00	0.01	0.051	0.106	< 0.01	0.36	1.96	188	260	157	58	8.4	455	18					6	Estimate
27-Jun-02		13:00	0.04	0.066	0.149	0.03	0.42	7.83	175	261	157	27	8.7	446	12					4	Estimate
9-Jul-02		10:15	0.29	0.109	0.22	0.04	0.5	2.94	196	320	166	71	8.5	521	32					1	Estimate
13-Aug-02		9:50	0.12	0.203	0.26	0.09	0.88	1.96	200		167	13	8.4	452	10	16.4	9.4	8.47	210	2	Estimate
13-Aug-02	Y	9:50	0.12	0.195	0.25	0.12	0.9	1.96	198		166	14	8.4	451	11					2	Estimate
17-Sep-02		9:40	0.71	0.024	0.087	0.05	0.42	3.43	170		145	26	8.5	467	9	15.6	8	8.28	81	6	<u>Estimate</u>
12-May-03		14:45	< 0.01	< 0.003	0.125	0.03	0.5	4.43	188		162	52	8.6	451	24	17.7	8.8	8.39		2	Estimate
4-Jun-03		10:45	0.02	0.051	0.089	0.02	0.32	0	200		164	10	8.3	469 at Sheep:	7					0.5	Estimate
16-May-01		12:40	0.97	0.013	0.031	< 0.01	0.14	2.45	224	291	188	24	8.5	480	4	12.7	10.2	8.28	476	346	from USGS web history
30-May-01		12:40	1	0.013	0.031	< 0.01	0.14	2.45	224	293	187	12	0.5	477	2	12.7	12.2	8.39	475	341	from USGS web history
12-Jun-01		11:20	0.99	0.013	0.027	0.11	0.11	0	230	293	189	8		480	2	11.7	10	8.24	484	319	from USGS web history
2-Jul-01		12:05	1.08	0.007	0.027	< 0.01	0.09	0	228	286	187	4		466	2	13.6	11.1	8.41	471	327	from USGS web history
24-Oct-01		9:50	1.04	0.000	0.044	0.01	0.03	0	232	294	190	4	8.2	480	2	8	11	0.71	77.1	335	from USGS web history
24-Oct-01	Y	9:50	1.04	0.013	0.051	0.01	0.27	0	233	294	191	6	8.2	486	2		- 11			335	from USGS web history
28-Nov-01		9:40	1.04	0.013	0.018	< 0.01	0.1	0	234	294	192	4	8.2	488	2	6	12			348	from USGS web history
19-Dec-01		9:40	1.06	0.017	0.038	0.02	0.5	ŏ	232	296	190	9	8.1	492	3	8	10.5			351	from USGS web history
16-Jan-02		11:30	1.63	0.016	0.031	0.03	NE ¹	2.45	294	335	245	10	8.4	551	2	5	12			342	from USGS web history
25-Feb-02		10:30	0.99	0.010	0.02	0.03	0.16	0	234	288	192	10	8.3	494	2	4	14			308	from USGS web history
26-Mar-02		10:40	1	0.013	0.024	< 0.01	0.10	1.96	230	285	192	21	8.4	487	3	9.8	11.1	8.33	507	326	from USGS web history
26-Mar-02	Y	10:40	1	0.013	0.024	< 0.01	0.2	2.45	229	293	192	21	8.4	488	3	0.0	11.1	0.00	001	326	from USGS web history
1-May-02		14:00	0.89	0.005	0.012	< 0.01	0.13	3.43	218	288	184	8	8.5	409	3	11	16.8	8.51	482	311	from USGS web history
4-Jun-02		12:30	0.84	0.005	0.012	< 0.01	0.12	4.9	218	291	187	7	8.6	475	2					301	from USGS web history
26-Jun-02		13:30	0.84	0.008	0.024	0.01	0.09	2.94	220	280	185	5	8.4	466	1					283	from USGS web history
9-Jul-02		12:30	0.93	0.01	0.022	0.02	0.08	2.94	223	299	188	7	8.5	473	< 1					272	from USGS web history
23-Jul-02		12:00	0.94	0.007	0.022	< 0.01	0.08	2.45	224	280	188	2	8.4	472	< 1	13.1	11.2	8.28	239	274	from USGS web history

Table	F_1	Continued

Table E-1.	Continued.																				
Doto		Timo	NO ₃ +NO ₂	Ortho P	Total P	NH₃	TKN	CO ₃	HCO ₃	TDS-180	Alkalinity	SS	Lab pH	Lab EC	Turkiditu	Field	DO	Field	Field EC	Flow	
Date sampled	Replicate	Time sampled	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)		Lab EC (u S/cm)		Temp (°C)		pH (SU)		(cfs)	Flow comments
Sumpled	replicate	Jumpicu	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(1119/11)						(mg/L)	pr 1 (50)	(dovern)	(013)	1 low confinence
42 1 02		40.40	0.04	0.000	0.044	I . o o4 I	0.44		227		1 400 1				skin Road		44.0	0.00	040	207	form HOOO web biston.
13-Aug-02 17-Sep-02		12:40 14:30	0.84 0.9	0.006 0.005	0.014 0.027	< 0.01	0.11 0.11	0 4.41	227 217		186 185	5 4	8.3 8.5	467 472	1	12.4 11.2	11.2 12.3	8.29 8.41	216 84	287 302	from USGS web history from USGS web history
9-Oct-02		14.30	0.93	0.003	0.027	0.01	0.11	0	229		188	5	8.3	476	1	9.7	11.1	8.29	466	315	,
29-Oct-02		11:10	0.95	0.009	0.017	0.02	0.12	0.49	229		186	6	8.4	478	2	9.1	11.1	8.16	269	313	from USGS web history from USGS web history
26-Nov-02		8:45	1.04	0.012	0.021	< 0.01	0.12	0.43	233		191	10	8.1	486	3	9.4	11.2	0.10	203	306	from USGS web history
18-Dec-02		11:40	1.04	0.012	0.022	0.01	0.08	Ö	229		188	8	8.3	482	2	7.5	9.5	8.17	860	310	from USGS web history
10 200 02			1.01	0.010	0.000	0.01	0.00	_ Ŭ			, ,,,,			g Hollov		1.0	0.0	0.11		0.10	monified de violatinatory
15-May-01		8:50	0.01	0.003	0.078	< 0.01	0.59	1.47	156	218	130	38	8.4	372	10	15.3	8.2	8.7	367		
29-May-01		8:50	0.01	0.004	0.038	0.01	0.25	0	157	207	129	18		358	6	16.3	8.4	8.55	361	1.6	
													Sterling) Wastev	ray						
16-May-01		9:05	1.63	0.019	0.053	< 0.01	0.34	2.45	266	401	222	13	8.5	647	6	11.6	11.1	8.28	634	2.8	
16-May-01	Υ	9:10	1.66	0.02	0.06	< 0.01	0.35	3.43	262	407	221	12	8.4	644	6	11.6	11.1	8.3	634	2.8	
29-May-01		12:15	0.69	0.019	0.075	0.03	0.42	0	249	359	204	22		578	8	16.6	12.4	8.62	579	6.6	
11-Jun-01		10:20	1.27	0.006	0.042	< 0.01	0.34	0	270	384	221	7		611	3	14.5	14.8	8.72	611	2.1	
3-Jul-01		10:35 9:00	0.58	0.015 0.008	0.049	0.03	0.45	0	255	369 346	209	11 8	0.5	567 591	6	18.4	10 11.5	8.47	569	- /	_
2-Aug-01 24-Aug-01		9:00	0.7 0.38	0.008	0.031	0.02	0.28	3.43 0	266 252	334	224 207	10	8.5 8.2	541	3	14	11.5				
18-Sep-01		11:05	1.03	0.008	0.053	0.02	0.33	2.94	255	357	214	12	8.5	580	4	13	12.5				
23-Oct-01		8:50	1.23	0.025	0.103	0.03	0.43	0	273	372	224	30	8.3	595	17	6	12.2				_
27-Nov-01		10:30	1.51	0.036	0.118	0.08	0.38	1.47	277	391	230	26	8.4	630	11	1	14				
16-Jan-02		9:40	1.71	0.045	0.144	0.16	NE ¹	0	283	377	232	103	8.3	646	36	Ö	13.5				
16-Jan-02	Υ	9:40	1.71	0.045	0.156	0.15	NE ¹	0	287	292	235	108	8.3	646	36	0	10.0				_
25-Feb-02	Υ	12:30	1.71	0.045	0.156	1.36	3.72	0	320	496	262	159	8.1	819	64	3					
26-Mar-02		14:49	1.64	0.058	0.146	0.15	0.6	ő	299	464	245	65	8.3	754	24	15	9.7	8.29	787		
1-May-02		9:00	1.54	0.016	0.038	< 0.01	0.36	ň	283	402	232	14	8.3	648	6	6.2	14.9	8.23	675	5	Published flow by Idaho Power
3-Jun-02		14:15	1.64	0.006	0.04	0.02	0.53	15.2	241	418	223	14	9.9	668	4			0.20		1.9	Published flow by Idaho Power
26-Jun-02		15:15	0.23	0.011	0.051	0.05	0.4	7.83	229	335	201	15	8.7	541	3					13	Published flow by Idaho Power
10-Jul-02		9:00	1.24	0.013	0.035	0.02	0.45	0	291	405	239	12	8.3	654	4					1.1	Published flow by Idaho Power
23-Jul-02		15:30	1.11	0.01	0.032	0.02	0.44	24	206	386	209	4	9.1	593	2	24.7	11.7	8.97	302	0.86	Published flow by Idaho Power
12-Aug-02		11:15	0.11	0.006	0.034	0.03	0.38	7.34	228		199	6	8.6	512	2	16.6	10.5	8.57	235	14	Published flow by Idaho Power
28-Aug-02		13:25	1.24	0.009	0.026	< 0.01	0.3	11.8	271		242	4	8.7	674	1	18	10	8.56	596	2	Published flow by Idaho Power
18-Sep-02		12:40	0.95	0.006	0.022	0.01	0.23	6.85	258		223	3	8.6	594	2	12.7	11.5	8.34	1029	3.5	Published flow by Idaho Power
8-Oct-02		11:45	0.9	0.018	0.042	0.06	0.35	0	262		215	8	8.3	575	4	10.15	11.15	8.18	558	9.84	*Preliminary flow from Idaho Power Gage
5-Nov-02		11:00	1.31	0.033	0.083	0.12	0.47	0	266		218	34	8.3	599	13	3.4	12.5	8.25	337	5.77	*Preliminary flow from Idaho Power Gage
25-Nov-02		12:50	1.38	0.027	0.083	0.06	0.34	4.41	263		223	35 55	8.6	621	9	2.0	44.0	0.05	4404	5.4	*Preliminary flow from Idaho Power Gage
17-Dec-02 15-Jan-03		16:00 10:30	1.24 1.37	0.033	0.117	0.09	0.42 0.36	1.47 0	256 271		212 222	45	8.4 8.2	616 674	14 12	3.6 4	11.8	8.25	1101	5.99 5.34	*Preliminary flow from Idaho Power Gage *Preliminary flow from Idaho Power Gage
10-5all-03		10:37	1.46	0.028	0.133	0.12	1.32	0	296		243	197	8.2	631	65	4				4.86	*Preliminary flow from Idaho Power Gage
12-Mar-03		10:15	1.52	0.032	0.188	0.16	1.52	ő	299		245	198	8.2	651	66	7.8	10.3	8.02		5.66	*Preliminary flow from Idaho Power Gage
1-Apr-03		11:45	1.36	0.033	0.121	0.07	0.64	3.94	273		230	52	8.5	626	19	8.6	10.9	8.07		5.32	*Preliminary flow from Idaho Power Gage
24-Apr-03		10:30	1.07	< 0.003	0.094	0.06	0.62	0	258		212	26	8.2	590	8	8.8	11.2	8		6.83	*Preliminary flow from Idaho Power Gage
12-May-03		10:30	1.8	< 0.003	0.034	0.01	0.27	0	298		244	6	8.3	692	2	9.9	14.4	8.27			
4-Jun-03		13:00	0.53	< 0.003	0.029	0.02	0.43	10.3	208		188	11	8.8	528	3						
18-Jun-03		11:30	0.32	0.004	0.041	0.04	0.55	1.48	239		198	15	8.4	545	3	19.6	10	8.26			
7-Jul-03		16:10	0.73	0.012	0.043	0.05	0.43	21.2	207		205	8	9	551	4	23.8	13.6	8.45			
0014	ı				0.07				227	200	1 400		am Cree		tage Roa			1			
30-May-01		8:50	0.2	0.015	0.37	0.02	0.83	0	227	296	186	332	<u> </u>	496	99	9.8	9.9	8.31	504	6.2	
12-Jun-01		8:25	0.18	0.038	1.08	0.07	1.22	0	233	285	191		by rerun T	470	155	13.8	8.4	8.28	474	7.2	
2-Jul-01 2-Jul-01	Y	9:15 9:15	0.07 0.08	0.02	0.085 0.086	< 0.01	0.24 0.26	0	220 220	303 306	180 180	31 31		502 507	17 17	19.6 19.6	8.9 8.9	8.51 8.51	511 511	3.7	
1-Aug-01	1	9.15 12:05	0.08	0.02	0.086	0.01	0.26	13.2		282	169	106	8.6	472	9	19.6	8.9	0.01	911	5.1	
22-Aug-01		12:00	0.04	0.051	0.16	0.02	0.32	1.47	216	305	180	222	8.4	490	73	10	0.9				
19-Sep-01		8:30	0.13	0.033	0.33	0.05	0.79	0.98	210	295	174	133	8.4	489	68	10.5	10				
24-Oct-01		8:20	< 0.01	0.022	0.18	< 0.01	0.52	0.98	254	350	210	81	8.4	591	49	2	13.5				
2-May-02		10:00	0.01	0.014	0.107	< 0.01	0.3	2.45	201	305	169	57	8.4	515	34	9	13.5	8.35	535	1.5	Estimate
4-Jun-02		9:30	0.05	0.035	0.22	0.01	0.65	3.43	208	287	176	98	8.5	491	54					4	Estimate
27-Jun-02		12:00	0.42	0.076	0.2	0.11	0.92	7.34	189	270	167	57	8.7	460	32					7	Estimate
9-Jul-02		9:45	0.45	0.109	0.3	0.08	0.98	1.47	194	299	162	87	8.4	469	72					5	Estimate

Table E-1. Continued.

Sunbeam Creek at Frontage Road																					٠	Continuca	Table E T.
24_Jul-02 8:00 0.63 0.074 0.32 0.02 1.8 0.98 223 279 185 126 8.4 485 90 19.7 6.7 8.28 245 10 Estimate 13_Aug-02 9:15 0.27 0.079 0.146 0.1 0.52 0 214 175 17 8.2 466 21 15.9 7.7 8.25 216 4 Estimate 14_Jun-03 9:15 0.12 0.035 0.088 0.04 0.3 1.96 211 176 70 8.4 483 49 14.3 8.2 8.05 88 2 Estimate 14_Jun-03 10:00 0.02 0.041 0.12 0.04 0.42 0 206 169 48 8.3 480 18	Flow comments	Flow comments					1															Replicate	
13.Aug-02							ad	tage Roa	k at Fror	am Cree	Sunbe											•	
28-Aug-02	Estimate	Estimate	10	245	8.28	6.7	19.7	90	485	8.4	126	185	279	223	0.98	1.8	0.02	0.32	0.074	0.63	8:00		24-Jul-02
17-Sep-02	Estimate	Estimate	4	216	8.25	7.7	15.9	21	466	8.2	17	175			0	0.52	0.1	0.146	0.079	0.27	9:15		13-Aug-02
9-Oct-02	Estimate	Estimate	3	425	8.01	6.8	14.5	76	478	8.5	103			223	2.45	0.33	0.11	0.28	0.071	0.35	9:45		28-Aug-02
12-May-03	Estimate	Estimate	2							8.4						0.3							
A-Jun-03 10:00 0:02 0:041 0:122 0:04 0:42 0 2:06 169 48 8:3 480 18	Estimate	Estimate	1	528						8.4						0.9							
18-Jun-03	Estimate	Estimate	1		8.61	9.9	18.3	26							9.35								
T-Jul-03	Estimate	Estimate	4					18		8.3					0	0.42				0.02			
Tarter Waste 10:20 0.01 0.003 0.035 < 0.01 0.31 0.98 160 229 133 8 8.4 375 5 14.5 8.4 8.5 375 3.2 29-May-01 10:10 < 0.01 0.003 0.03 0.01 0.27 0 159 215 130 9 364 5 15.9 10.3 8.67 364 4.1 29-May-01 Y 10:15 < 0.01 0.003 0.036 0.02 0.26 0 159 216 130 9 363 5 15.9 10.3 8.66 364 4.1	Estimate		10					10		8.4										0.17			
15-May-01 10:20 0.01 0.003 0.035 < 0.01 0.98 160 229 133 8 8.4 375 5 14.5 8.4 8.5 375 3.2 29-May-01 10:10 < 0.01	Estimate	Estimate	1		8.5	13.9	23.3			9	16	166		169	16.7	2.72	0.78	0.163	0.081	1.36	14:45		7-Jul-03
29-May-01 10:10 < 0.01 0.003 0.03 0.03 0.01 0.27 0 159 215 130 9 364 5 15.9 10.3 8.67 364 4.1 29-May-01 Y 10:15 < 0.01										Tart													
29-May-01 Y 10:15 < 0.01 0.003 0.036 0.02 0.26 0 159 216 130 9 363 5 15.9 10.3 8.66 364 4.1			3.2					5		8.4	8				0.98								
			4.1					5			9				0								
Snake River at Tilden Bridge			4.1	364	8.66	10.3	15.9	5			9	130	216	159	0	0.26	0.02	0.036	0.003	< 0.01	10:15	Y	29-May-01
								Bridge		ake Rive	Sna												
27-Nov-01 9:10 0.17 0.008 0.016 < 0.01 0.3 1.47 147 211 123 2 8.4 343 1 1 1							1	1	343	8.4	2	123	211	147	1.47	0.3	< 0.01	0.016	0.008	0.17	9:10		27-Nov-01

¹NE=not entered

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T 11 E 4 6 F	and the second second	- 1	1 11 1 1			–		40071 0000
- Lable E-2. Sambling	a data from streams, o	canais, and	a wetianas on nort	n and west:	sides of A	αmerican ⊢a	alis Reservoir.	. 1997 to 2000

le E-2. Sampling data from				licate sai			nded se								
				number		,	(mg/L)		P0.	₄ as P (m	g/L)	NO ₃ +N	lO₂ as N	(mg/L)	Flo
Waterbody	Type	Sample date	0	1	2	0	1	2	0	1	2	0	1	2] (L/s
Firth River Bridge	canal	19-Jun-97		2247	2248		82.49	77.68		0.01	-0.01		0.09	0.06	T
Firth River Bridge	canal	2-Aug-97		2287	2288		6.39	6.82		-0.03	-0.03		0.07	0.06	
People River	canal	12-Apr-97	2152			10.6	0.00		0.04			0.94	0.0.		
People River	canal	21-Apr-97	2161			36.3			0			0.65			
			2101	2460	2460	30.3	224.00	272.42	-	0.04	0.00	0.03	0.24	0.26	-
People River	canal	8-May-97		2168	2169		331.08	373.12		-0.04	-0.02		0.31	0.36	-
People River	canal	26-May-97		2216	2217		59.2	20.64		0.02	0.02		0.19	0.19	
People River	canal	11-Jun-97		2245	2246		86.98	93.82		0.02	0.03		0.24	0.18	
People River	canal	29-Aug-97		2331	2332		2.58	2.83		0	-0.01		0.04	0.03	
People River	canal	29-Sep-97		2376	2377		4.3	4.64		0.07	0.05		0.09	0.08	
H Canal	canal	13-May-97		2176	2177		17.4	17.04		-0.04	-0.04		0.03	0.02	
H Canal	canal	2-Jun-97		2208	2214		43.92	44.08		-0.01	0.01		0.19	0.2	
H Canal		7-Sep-97		2341	2342		4.58	6.16		0.01	-0.01		0.03	0.03	
	canal														-
H Lake	canal	13-May-97		2180	2181		18.96	19.28		-0.01	-0.01		0.56	0.78	-
H Lake	canal	2-Jun-97		2205	2215		59.96	62.04		0.06	0.02		0.24	0.24	-
H Lake	canal	7-Aug-97		2305	2306		8.39	8.66		-0.02	0		0	0.01	
H Lake	canal	7-Sep-97		2343	2344		7.3	8.23		0.03	0.03		0.1	0.13	
HV	canal	2-Jun-97		2207	2212		25.64	23.88		-0.01	0		0.15	0.12	
Q1 Spill	canal	2-Jun-97		2210	2218		28.68	36.44		-0.02	-0.01		0.22	0.08	
Q1 Spill		11-Aug-97		2311	2312		2.93	2.19		-0.02	0.01		0	0.01	
	canal													0.01	+
Q1 Spill	canal	7-Sep-97		2349	2350	-	1.46	1.93		-0.01	-0.01	-	0.02		\vdash
Q1 Spill	canal	25-Sep-97		2372	2373		2.62	3.69		0	0.01		0.04	0	-
T Canal	canal	13-May-97		2172	2173		33.72	33.28		-0.05	-0.07		0.02	0.03	1
T Canal	canal	2-Jun-97		2206	2213		50.16	51.56		0	0		0.21	0.2	L
T Canal	canal	26-Jun-97		2251	2252		37.7	38.72		-0.02	0.01		0	0	1
T Canal	canal	7-Aug-97		2307	2308		9.28	9.81		0.03	0		0	0.01	
T Canal	canal	7-Sep-97		2347	2348		4.91	5.54		0.05	0.01		0.03	0.04	
T Canal	canal	3-Oct-97		2378	2379		2.85	3.18		0.03	-0.01		0.03	0.04	1
						-						-			+
TLake	canal	13-May-97		2174	2175		32	30.88		-0.06	-0.01		0.02	0.01	-
TLake	canal	2-Jun-97		2209	2211		53.36	45		0.02	0.01		0.17	0.23	_
TLake	canal	12-Jun-97		2382	2383		0	0		0.05	-0.01		0	0	
V Spill	canal	13-May-97		2178	2179		13.52	13.92		-0.05	-0.01		0.03	0.02	
V Spill	canal	7-Aug-97		2309	2310		4.35	3.67		0.03	0.01		0.02	0.01	
V Spill	canal	7-Sep-97		2345	2346		1.64	1.76		-0.02	-0.02		0.03	0.05	
T Canal	run-off	31-Dec-96	2141	2010	2010	2430.5	1.01	1.10	1.2	0.02	0.02	1.8	0.00	0.00	+
						192						0			\vdash
Schritter	run-off	31-Dec-96	2142						0						-
T Povey	run-off	31-Dec-96	2143			8398.5			2.2			2.77			<u> </u>
Rain	rain	12-Jun-97	2244			26.73			-0.08			0.19			
T Povey Rain	run-off	12-Jun-97		2249	2250		1186.9	1203.1		0.54	0.42		2.92	2.92	
Rain water-thunderstorm	rain	11-Sep-97		2351	2352		13.72	10.43		0.16	0.15		0.41	0.42	
American Game	spring	21-Apr-97	2154			1.96			0.07			3.9			
American Game	spring	2-Aug-97		2303	2304		10.23	1.82		0.18	0.19		2.92	2.92	
Big Hole at Fingal Road	spring	2-Apr-97	2147			0.56			0.07			4.59			
Big Hole at Fingal Road	spring	21-Apr-97	2157			1.36			0.1			5.26			+
															+
Christiansen Drain	spring	2-Apr-97	2151		2000	-1.06			0.19			1.98	0.05		-
Christiansen Drain	spring	2-Aug-97		2299	2300		2.07	1.79		0.03	0.09		0.25	0.25	-
Cornforth Spring	spring	2-Apr-97	2150			14.63			0.2			3.52			_
Crystal Springs	spring	2-Aug-97		2289	2290		4.46	4.21		0.03	-0.04		2.62	2.22	
Danielson	spring	21-Apr-97	2158			13.33			-0.01			1.16			Г
Danielson Creek	spring	2-Aug-97		2291	2292		10.25	7.71		0	0		0.65	0.73	Т
Driscoll Spring	spring	2-Apr-97	2149			4.92	20		0	⊢ Ť	l – ĭ –	4			\vdash
Driscoll Spring Driscoll Spring		2-Apr-97 2-Aug-97	∠173	2295	2296	1.02	1.57	1.68	⊢ Ŭ	0.26	0.17		2.92	2.85	+
	spring														+
Spring Hollow Highway	spring	24-Apr-97		2162	2163		74.32	71.6		0.1	0.11		20.78	22.77	+
Spring Hollow Highway	spring	7-Sep-97		2335	2336		11.3	9.81		0.01	0.02		2.92	2.92	1
Spring Hollow Drain	spring	7-Sep-97		2339	2340		10.8	10.72		0	0		0.03	0.01	1
Spring Hollow Spring	spring	7-Sep-97		2337	2338		10.49	9.32		0.04	0.05		3	2.92	\perp
Spring Hollow Spring	spring	24-Apr-97		2164	2165		6	5.84		0.23	0.24		27.18	24.38	Ι_
Smith	spring	21-Apr-97	2155			7.46			0.08			0.02			
Smith	spring	2-Aug-97		2301	2302		24.7	31.89		0.07	0.1		0.06	0.06	
Smith 2350W 1400S	spring	27-Mar-97	2146	2001	2002	8.5	Z- 1.1	2 1.00	0.66	0.07	U.1	2.56	0.00	0.00	
Ster West Lake		21-Apr-97	2160			13.74			0.06			1.91			+
	spring											4.7			+
Sterling West	spring	21-Apr-97	2153	2400	0407	2.15	1001	20.00	0.06	00.		4.1	0.00	0.00	\vdash
Sterling East	spring	21-Apr-97		2166	2167	-	16.94	20.28		0.04	0	-	-0.03	0.06	-
Sterling South Lake	spring	2-Aug-97		2293	2294		6.46	6.93		0.02	0.27		0.43	0.42	
Yuma	spring	21-Apr-97	2159			58.48			0			2.65			L
Orth	wetland	21-Apr-97	2156			21.74			0.16			-0.65			L
Orth Wetland	wetland	2-Apr-97	2148			28.06			0.04			-0.27			
Orth Wetland	wetland	2-Aug-97		2297	2298		16.18	14.32		0.03	0.02		0.05	0.03	
ARS Double di	misc	21-Apr-97	2197			0	. 5.10	2	-0.09		1 2.02	-0.57			T
			2201			0		 	0.08	 				-	
ARS Raw	misc	21-Apr-97						-				-0.55			\vdash
ARS RO Unit di	misc	21-Apr-97	2199			0	L	L	-0.08	-		-0.75		L	-
People River	canal	5-May-98		2463	2482		47.83	46.11		0.05	0.05		0.17	0.24	\perp
People River	canal	19-May-98		2504	2520		33.11	31.92		0.09	0.03		0.18	0.19	1
People River	canal	3-Jun-98		2550	2552		30.01	31.84		0.04	0.02		0.08	0.07	Т
People Canal	canal	15-Jun-98		2575	2590		21.82	25.38		0.05	0.03		0.08	0.08	\vdash
People Canal		30-Jun-98		2632	2637			18.79		0.05	0.05		0.03	0.03	+
	canal					-	18.58								+
People River	canal	14-Jul-98		2650	2659		9.58	10.07		0.03	0.02		0.08	0.09	-
People River	canal	4-Aug-98		2695	2700		5.81	5.69		0.01	0.02		0.01	0.01	
People River	canal	25-Aug-98		2719	2727		4.97	4.7		0.03	0.05		0.05	0.05	
				2788	2790		4.74	4.39		0.06	0.04		0.16	0.14	
People River	canal	14-Sep-98		2700	2790		4.74	1 7.00		0.00	0.07		0.10	0.14	1

Table F-2 Continued

			Dup	licate sar	nple	Suspe	ended se	diment					NO INO (mail)		
				number			(mg/L)			₄ as P (m			3+NO2 (m	ng/L)	_ F
Waterbody	Type	Sample date	0	1	2	0	1	2	0	1 1	2	0	1	2	L(L)
ASCC River Gate	canal	5-May-98		2457	2468		41.34	40.15		0.04	0.06		0.21	0.18	
ASCC River Gate	canal	19-May-98		2511	2518		33.59	36.28		0.02	0.06		0.16	0.17	
ASCC River Gate	canal	3-Jun-98		2537	2543		35.5	33.21		0.04	0.04		0.08	0.1	
ASCC River Gate	canal	15-Jun-98		2574	2588		21.58	24.09		0.07	0.03		0.08	0.11	
ASCC River Gate	canal	30-Jun-98		2630	2634		18.84	19.82		0.05	0.06		0.04	0.03	+
ASCC River Gate		14-Jul-98		2645	2654		9.19	9.17		0.03	0.03		0.08	0.00	+
	canal														+
ASCC River Gate	canal	4-Aug-98		2672	2681		5.77	5.51		0.02	0.02		0.01	0.02	+
ASCC River Gate	canal	25-Aug-98		2721	2726		4.82	5.04		0.04	0.05		0.06	0.04	\perp
ASCC River Gate	canal	14-Sep-98		2783	2793		5.08	4.27		0.05	0.08		0.17	0.16	_
ASCC River Gate	canal	5-Oct-98		2818	2820		3	3.28		0.15	0.11		0.07	0.07	
Radio Gauge	canal	5-May-98		2461	2467		47.68	45.95		0.02	0.05		0.16	0.16	
Radio Gauge	canal	19-May-98		2507	2513		33.81	32.72		0.07	0.05		0.16	0.16	T
Radio Gauge	canal	3-Jun-98		2540	2548		37.03	35.52		0.03	0.03		0.08	0.08	+
Radio Gauge	canal	15-Jun-98		2577	2585		23.1	24.52		0.03	0.03		0.07	0.08	+
							17.59	18.1		0.04	0.03		0.04	0.00	+
Radio Gauge	canal	30-Jun-98		2612	2629										┿
Radio Gauge	canal	14-Jul-98		2649	2658		8.78	9.35		0.03	0.03		0.05	0.08	+
Radio Gauge	canal	4-Aug-98		2671	2682		6.61	10.94		0	0.01		-0.01	0.01	_
Radio Gauge	canal	25-Aug-98		2716	2729		6.36	5.72		0.07	0.05		0.06	0.08	
Radio Gauge	canal	14-Sep-98		2786	2787		4.42	4.37		0.07	0.07		0.14	0.17	
Radio Gauge	canal	5-Oct-98		2802	2812		2.52	2.64		0.16	0.11		0.03	0.04	Т
Big Fill	canal	5-May-98		2460	2484		11.4	10.73		0.03	0.06		0.06	0.13	\top
Big Fill	canal	19-May-98		2505	2514		17.95	19.4		0.05	0.03		0.12	0.13	+
							35.34				0.03				+
Big Fill	canal	3-Jun-98		2545	2549			27.92		0.05			0.05	0.07	+
Big Fill	canal	15-Jun-98		2576	2581		25.02	27.58		0.03	0.04		0.05	0.06	+
Big Fill	canal	30-Jun-98		2617	2636		20.71	17.61		0.03	0.06		-0.01	0	\perp
Big Fill	canal	14-Jul-98		2643	2652		15.37	11.8		0.07	0.03		0.01	0.01	\perp
Big Fill	canal	4-Aug-98		2670	2704		11.24	9.16		-0.02	0.03		0	-0.01	L
Big Fill	canal	25-Aug-98		2717	2724		2.57	2.76		0.06	0.1		-0.01	0	Г
Big Fill	canal	14-Sep-98		2781	2791		2.5	2.47		0.05	0.05		0.07	0.07	T
Big Fill	canal	5-Oct-98		2803	2814		0.99	1.6		0.18	0.12		0	-0.01	†
V Spill	canal	5-May-98		2483	2490		10.89	9.96		0.09	0.06		0.03	0.05	+
V Spill				2509	2515		20.05	19.84		0.03	0.02		0.03	0.05	╁
	canal	19-May-98													┿
V Spill	canal	3-Jun-98		2555	2560		15.86	14.75		0.04	0.04		0.04	0.02	+
V Spill	canal	15-Jun-98		2582	2587		7.48	7.58		0.03	0.04		-0.01	-0.01	\perp
V Spill	canal	30-Jun-98		2600	2609		4.87	4.52		0.03	0.04		-0.01	-0.01	
V Spill	canal	14-Jul-98		2647	2656		2.72	1.86		0.05	0.04		-0.01	0	
V Spill	canal	4-Aug-98		2683	2691		3.58	2.83		0.01	0.04		-0.01	0	
V Spill	canal	25-Aug-98		2720	2728		1.19	1.23		0.07	0.06		0	0	Т
V Spill	canal	14-Sep-98		2744	2784		0.92	0.86		0.06	0.18		0	0	
V Spill	canal	5-Oct-98		2801	2806		0.84	0.56		0.18	0.08		0	-0.01	$^{+}$
Hazard Creek	canal	5-May-98		2491	2492		61.47	67.9		0.10	0.06		0.05	0.04	1
					2516						0.08				
Hazard Creek	canal	19-May-98		2506			22.68	22.86		0.1			0.19	0.18	Ι,
Hazard Creek	canal	3-Jun-98		2558	2563		17.1	19.5		0.09	0.07		0.11	0.13	1
Hazard Creek	canal	15-Jun-98		2579	2591		15.58	18.84		0.09	0.05		0.02	0.02	1
Hazard Creek	canal	30-Jun-98		2605	2606		8.92	9.89		0.09	0.12		0.07	0.07	1
Hazard Creek	canal	14-Jul-98		2648	2657		3.24	9.06		0.13	0.14		0.45	0.35	
Hazard Creek	canal	4-Aug-98		2673	2690		24.75	62.97		0.07	0.11		0.47	0.48	4
Hazard Creek	canal	25-Aug-98		2718	2730		163.52	155.9		0.11	0.09		0.16	0.18	1
Hazard Creek	canal	14-Sep-98		2745	2794		8.76	6.68		0.04	0.05		0.08	0.13	١.
Hazard Creek	canal	5-Oct-98		2808	2810		9.05	9.4		0.22	0.22		0.25	0.18	1
Wilson Spill	canal	5-May-98		2480	2486		14.45	13.3		0.06	0.07		0.08	0.10	+
Wilson Spill	_	19-May-98		2512	2519		13.04	12.33		0.06	0.07		0.08	0.01	+
	canal									0.04	0.02		0.07	0.05	+
Wilson Spill	canal	3-Jun-98		2561	2565		27.55	26.07							+
Wilson Spill	canal	15-Jun-98		2580	2586		13.99	14.07		0.06	0.02		-0.01	-0.01	+
Wilson Spill	canal	30-Jun-98		2603	2610		10.27	10.61		0.04	0.06		-0.01	-0.01	+
Wilson Spill	canal	14-Jul-98		2646	2655		5.68	5.8		0.06	0.02		-0.01	0	\perp
Wilson Spill	canal	4-Aug-98		2684	2696		5.53	3.24		0.05	0.01		0	-0.01	\perp
Wilson Spill	canal	25-Aug-98		2723	2732		1.48	1.1		0.15	0.05		0	-0.01	\perp
Wilson Spill	canal	14-Sep-98		2782	2789		2.87	2.57		0.04	0.04		0.02	0.01	
Wilson Spill	canal	5-Oct-98		2805	2807		1.23	1.06		0.09	0.08		0	0	Т
Cedar Spill	canal	5-May-98		2469	2487		20.68	20.86		0.02	0.05		0.04	0.04	T
Cedar Spill	canal	19-May-98		2503	2508		12.62	12.83		0.12	0.03		0.05	0.04	
Cedar Spill	canal	3-Jun-98		2553	2562		44.61	37.82		0.04	0.02		0.04	0.05	$^{+}$
Cedar Spill	canal	15-Jun-98		2578	2584		17.87	17.47		0.04	0.02		-0.01	0.03	+
Cedar Spill				2602	2608					0.01	0.02		-0.01	-0.01	+
	canal	30-Jun-98					14.54	15.58							+
Cedar Spill	canal	14-Jul-98		2644	2653		12.18	11.84		0.04	0.02		0	0	+
Cedar Spill	canal	4-Aug-98		2686	2694		6.63	6.22		0.02	0.03		0	0	+
Cedar Spill	canal	25-Aug-98		2722	2731		2.58	3.06		0.04	0.1		0	-0.01	1
Cedar Spill	canal	14-Sep-98		2785	2792		2.87	2.58		0.08	0.04		-0.01	0	\perp
Cedar Spill	canal	5-Oct-98		2804	2809		2.39	2.61		0.11	0.13		-0.01	0	Г
Danielson	spring	5-May-98		2466	2471		42.6	16.38		0.09	0.06		1.6	1.55	Т
Danielson	spring	3-Jun-98		2533	2539		10.59	11.08		0.05	0.07		0.85	1.12	1:
Danielson	spring	30-Jun-98		2604	2633		18.21	13.69		0.03	0.07		0.69	0.8	+
															+
Danielson	spring	4-Aug-98		2676	2693		5.72	5.99		0.07	0.11		0.79	0.85	-
Danielson	spring	14-Sep-98		2755	2776		0	0		0	0		1.46	1.01	1
Danielson	spring	18-Dec-98		2849	2851		0	0		0.1	0.06		1.89	1.34	1
Crystal	spring	5-May-98		2470	2473		2.01	2.64		0.06	0.11		3.79	3.48	3
Crystal	spring	3-Jun-98		2531	2541		1.84	2.01		0.06	0.05		3.71	4.8	-
Crystal	spring	30-Jun-98		2613	2622		3.38	2.52		0.04	0.09		4.32	4.5	1
	19														
Crystal	spring	4-Aug-98		2675	2679		5.75	4.74		0.08	0.09		3.55	3.67	

able E-2. Continued.			Dup	licate sar	nple	Suspe	ended see	diment	PO	₄ as P (m	a(L)	NIO	3+NO ₂ (m	na/L)	Flow
Waterbody	Type	Sample date	0	1	2	0	(HIG/L)	2	0	1	9/L) 2	0	1	2	(L/sec)
Driscoll Spring	spring	5-May-98		2475	2489		3.4	1.81		0.15	0.21		6.61	6.28	108
Driscoll Spring	spring	3-Jun-98		2529	2551		4.82	5.2		0.16	0.09		6.06	6.41	30
Driscoll Spring	spring	30-Jun-98		2615	2621		2.8	3.19		0.15	0.1		5.03	4.27	36
Driscoll Spring	spring	4-Aug-98		2677	2680		1.81	2.46		0.53	0.09		6.17	6.36	9
Driscoll Spring	spring	14-Sep-98		2757	2775		0	0		0	0		5.29	6.58	126
Driscoll Spring	spring	9-Nov-98		2827	2841		Ō	0		Ö	Ö		6.64	6.67	180
Smith wetland spring	spring	5-May-98		2465	2476		21.89	19.59		0.2	0.08		0.33	0.46	30
Smith Spring	spring	3-Jun-98		2532	2542		5.57	5.93		0.04	0.07		0.03	0.03	400
Smith Spring	spring	30-Jun-98		2601	2625		8.64	8		0.1	0.11		0.04	0.04	100
Smith Spring	spring	4-Aug-98		2702	2705		4.19	4.04		0.13	0.07		0	0	270
Smith Spring	spring	14-Sep-98		2749	2751		0	0		0	0		0.03	0.02	48
Smith Spring	spring	9-Nov-98		2834	2839		0	0		0	0		1.22	0.6	18
Cornforth Spring	spring	5-May-98		2464	2481		1.64	2.02		0.12	0.13		5.58	4.5	14
Cornforth Spring	spring	3-Jun-98		2554	2559		2.33	2.85		0.31	0.28		1.86	2.19	30
Cornforth Spring	spring	30-Jun-98		2614	2624		1.81	1.27		0.22	0.28		1.41	1.7	198
Cornforth Spring	spring	4-Aug-98		2689	2706		7.58	6.52		0.16	0.16		2.53	1.96	24
Cornforth Spring	spring	14-Sep-98		2746	2750		0	0		0	0		0.18	0.19	15
Cornforth Spring	spring	9-Nov-98		2826	2828		0	0		0	0		0.81	0.82	12
portsman Park North Spring	spring	9-Nov-98		2832	2835		0	0		0	0		5.6	3.72	20
Poulson Spring	spring	15-Sep-98		2762	2769		0	0		0	0		9.35	3	
Poulson Spring	spring	18-Dec-98		2845	2848		0	0		0.09	0.04		1.72	2.01	
Spring Hollow Drain	spring	5-May-98		2459	2478		14.61	13.56		0.02	0.05		0.1	0.03	3
Spring Hollow Drain	spring	3-Jun-98		2557	2566		185.5	186.79		0.04	0.05		0.05	0.04	120
Spring Hollow Drain	spring	30-Jun-98		2607	2635		158.33	158.12		0.04	0.02		-0.01	-0.01	20
Spring Hollow Drain	spring	5-Aug-98		2685	2698		58.7	54.49		0.03	0.02		0	0	400
Spring Hollow Drain	spring	14-Sep-98		2748	2758		0	0		0	0		0	0	1
Spring Hollow Drain	spring	5-Oct-98		2811	2815		6.12	5.89		0.14	0.17		0	-0.01	30
Spring Hollow at Spring	spring	9-Nov-98		2823	2830		0.12	0		0.36	0.38		47.63	41.55	16
Spring Hollow at Spring	spring	18-Dec-98		2846	2850		0	0		0.22	0.19		38.65	37.13	1
Spring Hollow	spring	5-May-98		3050	2474		2479	18.93		20.38	0.06		0.07	9.35	9.64
Spring Hollow Highway 39	spring	3-Jun-98		2556	2564		18.16	18.87		0.01	0.07		5.84	6.06	0.01
Spring Hollow Hwy 39	spring	30-Jun-98		2611	2627		6.19	7.1		0.04	0.04		4.25	4.82	
Spring Hollow Hwy 39	spring	4-Aug-98		2692	2701		25.41	27.16		0.06	0.03		6.11	6.83	
Spring Hollow Hwy 39	spring	14-Sep-98		2743	2747		502.94			0.00	0.05		6.58	5.76	180
Spring Hollow Hwy 39	spring	5-Oct-98		2813	2816		151.64			0.1	0.19		15.13	17.34	120
Spring Hollow Hwy 39	spring	9-Nov-98		2824	2831		0	0		0.31	0.19		41.55	29.68	120
Sterling wetland	wetland			2458	2494		7.62	9.6		0.08	0.09		2.62	2.67	160
Sterling Wetlands	wetland			2535	2547		5.14	4.92		0.08	0.03		1.66	1.32	420
Sterling Wetlands	wetland			2618	2623		9.36	4.43		0.15	0.07		1.24	1.13	315
Sterling Wetlands	wetland			2669	2687		4.52	3.5		0.03	0.13		0.26	0.22	220
				2752	2753		0	0		0.03	0.08		0.26	0.22	600
Sterling Wetlands Sterling Wetland	wetland wetland			2825	2833		0	0		0	0		1.19	1.46	780
Orth Wetland	wetland	5-May-98		2488	2493		34.58	31.02		0.14	0.08		0.1	0.07	600
Orth Wetlands	wetland	3-Jun-98		2534	2546		8.72	8		0.14	0.04		1.22	0.07	1050
Orth Wetlands	wetland	30-Jun-98		2619	2626		4.66	5.24		0.04	0.04		0.5	0.74	210
Orth Wetlands	wetland			2674	2678		41.43	50.25		0.04	0.04		0.28	0.38	150
		4-Aug-96 14-Sep-98		2756	2780		0	0		0.06	0.11		0.20	0.59	150
Orth Wetlands Orth Wetland	wetland	9-Nov-98		2838	2842		0	0		0	0		1.11	1.28	60
Christensen Wetlands	wetland	5-May-98		2462	2472		14.46	15.81		0.2	0.19		0.05	0.08	6
Christensen Wetlands	wetland			2530			6.41	6.62		0.08	0.19		0.03	0.08	150
Christensen Wetlands	wetland			2616	2538		7.32	6.41		0.05	0.02		0.07	0.11	50
Christensen Wetlands	wetland wetland	30-Jun-98 4-Aug-98		2688	2631 2699		13.8	15.1		0.05	0.03		0.03	0.02	42
Christensen Wetlands	wetland	14-Sep-98		2778	2779		0	0		0.00	0.02		0.23	0.24	75
				2837	2840		0	0		0	0		4.85	4.23	6
Christensen Wetlands	wetland			2477	2485		0.1	0.3		0.01	0.03		0.03	0.04	-
Deionized Water Deionized Water	misc	5-May-98 19-May-98		2510	2517		0.1	0.14		0.01	0.03		0.03	0.04	1
Deionized Water	misc misc	3-Jun-98		2536	2544		0.27	0.14		-0.02	-0.01		0.03	-0.03	
Delonized water DI Water	misc	15-Jun-98		2583	2589		0	0.29		-0.02	0.01		-0.02	-0.02	
DI Water	misc	30-Jun-98		2620	2628		-0.27	-0.37		-0.01	-0.01		-0.02	-0.02	
DI Water		14-Jul-98		2651	2660		-0.27	-0.37		0.01	0.01		-0.01	-0.01	
DI Water DI Water	misc	4-Aug-98		2697	2703		-0.33	-0.11		0.01	-0.02		-0.01	-0.01	
DI Water DI Water	misc	25-Aug-98			2725		-0.27	-0.82		0.07	0.05		-0.01	-0.01	1
DI Water DI Water	misc	25-Aug-98 14-Sep-98		2715 2795	2796		-0.19	-0.81		0.07	0.05		-0.01	-0.01	1
DI Water DI Water	misc	14-Sep-98 5-Oct-98		2819	2821		-0.35	-0.71		0.04	0.02		-0.01	-0.01	
DI Water DI Water	misc	9-Nov-98		2819	2836		-0.35	-0.71		0	0		0	-0.01	1
DI Water DI Water	misc						0	0		-0.03	-0.01		0	0	1
People Gate	misc	18-Dec-98		2847	2852		22.91			0.003	0.004		0.11		1
	canal	27-Apr-99		2920	2928			21.17						0.154	
People Gate	canal	20-May-99		2971	2995		23.58	23.22		0.002	0.005		0.041	0.094	
People Gate	canal	24-Jun-99		3067	3070		34	33.26		0.004	0.033		0.064	0.021	-
People Gate	canal	19-Jul-99		3084	3087		5.8	6.03		0.003	0.004		0.018	0.009	-
People Gate	canal	17-Aug-99		3148	3166		5.75	4.72		0.012	0.009		0.055	0.057	-
People Gate	canal	20-Sep-99		3181	3188		3.4	2.76		0.003	0.002		0.017	0.028	-
People Gate	canal	27-Oct-99		3257	3262		3.35	2.81		0.005	0.003		0.046	0.05	
People Gate	canal	25-Nov-99		3303	3316		2.96	3.41		0.004	0.005		0.112	0.175	-
ASCC Gate	canal	27-Apr-99		2937	2938		17.95	6.61		0.003	0.004		0.241	0.137	1
ASCC Gate	canal	20-May-99		2977	2980		23.23	22.71		0.003	0.004		0.113	0.1	
ASCC Gate	canal	22-Jun-99		3055	3064		30.18	30.02		0.002	0.003		0.058	0.056	
	canal	19-Jul-99		3081	3086		5.72	7.07		0.002	0.003		0.021	0.025	
ASCC Gate															1
ASCC Gate	canal	17-Aug-99		3146	3164		5.48	4.97		0.008	0.007		0.048	0.058	
ASCC Gate ASCC Gate	canal canal	20-Sep-99		3183	3184		4.65	5.95		0.004	0.002		0.016	0.024	
ASCC Gate	canal														

Table F-2	Continued

			Dup	licate sar	nple	Suspe	ended se	diment							
				number			(mg/L)			₄ as P (m			+NO ₂ (m		Flov
Waterbody	Type	Sample date	0	1	2	0	1	2	0	1	2	0	1	2	(L/se
Radio Gauge	canal	27-Apr-99		2915	2926		16.57	16.34		0.002	0.005		0.27	0.157	
Radio Gauge	canal	20-May-99		2964	2978		22.88	22.48		0.005	0.004		0.069	0.09	
Radio Gauge	canal	24-Jun-99		3063	3069		32.07	32.9		0.002	0.015		0.062	0.164	
Radio Gauge	canal	19-Jul-99		3075	3080		7.92	7.67		0.002	0.003		0.061	0.018	
Radio Gauge	canal	17-Aug-99		3138	3152		7.14	6.81		0.009	0.006		0.081	0.053	T
Radio Gauge	canal	20-Sep-99		3179	3191		5.7	4.85		0.003	0.001		0.017	0.029	
Radio Gauge	canal	27-Oct-99		3247	3265		3.56	3.85		0.003	0.004		0.042	0.043	
Big Fill	canal	27-Apr-99		2925	2935		8.4	5.96		0.007	0.002		0.055	0.064	_
Bia Fill	canal	20-May-99		2991	2993		8.88	8.81		0.003	0.005		0.03	0.015	_
Big Fill	canal	24-Jun-99		3052	3061		37.88	34.9		0.002	0.002		0.028	0.038	+
Big Fill	canal	19-Jul-99		3085	3088		20.47	15		0.002	0.002		0.003	0.001	+
Big Fill		17-Aug-99		3155	3158		6.82	6.2		0.006	0.003		0.003	0.026	+
	canal														-
Big Fill	canal	20-Sep-99		3180	3187		6.54	7.06		0.001	0.002		0.011	0	-
Big Fill	canal	27-Oct-99		3243	3245		4.23	6.29		0.003	0.002		0	0	
V Spill	canal	27-Apr-99		2902	2908		18.02	10.39		0.003	0.004		0.303	0.101	
V Spill	canal	20-May-99		2944	2953		9.72	7.83		0.002	0.002		0	0.131	
V Spill	canal	24-Jun-99		3015	3018		10.9	9.21		0.002	0.001		0.006	0.006	
V Spill	canal	19-Jul-99		3107	3112		6.96	5.81		0.004	0.01		0.002	0.038	
V Spill	canal	17-Aug-99		3125	3129		5.4	3.88		0.006	0.006		0.01	0.01	
V Spill	canal	20-Sep-99		3216	3224		2.35	2.77		0.001	0.002		0.01	0.017	
V Spill	canal	27-Oct-99		3260	3263		3.09	2.06		0.004	0.002		0.006	0.005	$\overline{}$
Wilson Spill	canal	27-Apr-99		2891	2904		25.47	14.41		0.002	0.003		0.097	0.131	
Wilson Spill	canal	20-May-99		2947	2957		5.44	8.13		0.003	0.003		0.007	0.01	$\overline{}$
Wilson Spill	canal	24-Jun-99		3020	3039		12.95	14.21		0.003	0.003		0.007	0.004	+
		19-Jul-99		3111	3120		7.29	8.33		0.003	0.004		0.005	0.004	+
Wilson Spill	canal														+
Wilson Spill	canal	17-Aug-99		3142	3151		4.27	3.24		0.006	0.006		0.031	0.027	+-
Wilson Spill	canal	20-Sep-99		3208	3227		3.27	3.23		0.001	0.002		0.019	0.012	+
Wilson Spill	canal	27-Oct-99		3283	3289		2.69	2.81		0.002	0.002		0.002	0	
Q1 Spill	canal	27-Apr-99		2912			9.25			0.003			0.068		
Q1 Spill	canal	20-May-99		2988	2992		9.01	9.67		0.002	0.003		0.001	0	
Q1 Spill	canal	24-Jun-99		3054	3057		15.87	16.48		0.001	0.001		0.005	0.004	
Q1 Spill	canal	19-Jul-99		3074	3077		6.96	6.42		0.004	0.003		0.001	0.007	
Q1 Spill	canal	17-Aug-99		3139	3162		5.07	2.58		0.006	0.003		0.005	0.033	1
Q1 Spill	canal	20-Sep-99		3201	3211		1.82	1.88		0.002	0.003		0.006	0.007	_
Q1 Spill	canal	27-Oct-99		3282	3290		2.09	2.78		0.002	0.003		0.000	0.007	+
															+
Cedar Spill	canal	27-Apr-99		2901	2905		13.27	15.31		0.003	0.002		0.301	41.693	+
Cedar Spill	canal	20-May-99		2941	2945		7.67	10.28		0.002	0		0	0	-
Cedar Spill	canal	24-Jun-99		3041	3046		32.95	35.26		0.001	0.001		0.006	0.002	
Cedar Spill	canal	19-Jul-99		3092	3097		23.51	23.79		0.003	0.004		0.006	0.152	
Cedar Spill	canal	17-Aug-99		3126	3140		4.23	4.56		0.008	0.005		0.017	0	
Cedar Spill	canal	20-Sep-99		3207	3237		7.94	7.78		0.001	0.002		0.015	0.011	
Cedar Spill	canal	27-Oct-99		3274	3279		3.84	5.01		0.003	0.003		0	0	
Hazard Creek	misc	27-Apr-99		2907	2909		41.76	39.8		0.026	0.027		0.424	0.31	
Hazard Creek	misc	20-May-99		2958	2959		20.01	21.87		0.002	0.003		0.019	0.016	_
Hazard Creek	misc	24-Jun-99		3022	3045		19.45	2.81		0.008	0.01		0.054	0.039	+
Hazard Creek	misc	19-Jul-99		3110	3114		15.64	14.39		0.000	0.018		0.019	0.033	_
		17-Aug-99		3124	3177		8.04	9.17		0.013	0.013		0.019	0.013	+
Hazard Creek	misc														+
Hazard Creek	misc	20-Sep-99		3204	3212		7.53	8.73		0.01	0.013		0.184	0.156	+
Hazard Creek	misc	27-Oct-99		3254	3255		8.78	8.62		0.028	0.031		0.237	0.233	_
Hazard Creek	misc	25-Nov-99		3300	3307		11.87	12.28		0.599	0.639		1.824	1.775	₩
Spring Hollow Drain	misc	20-May-99		2943	2950		171.33	188.2		0.003	0.003		0.001	0.109	
Spring Holow Drain	misc	24-Jun-99		3021	3036		187.38	195.06		0.002	0.003		0.003	0.001	-
Spring Hollow Drain	misc	19-Jul-99		3098	3118		41.36	44.12		0.007	0.005		0.007	0.005	
Spring Hollow Drain	misc	17-Aug-99		3127	3143		30.46	36.85		0.01	0.007		0.012	0.019	
Spring Hollow Drain	misc	20-Sep-99		3203	3236		15.12	14.67		0.001	0.004		0.009	0.004	
Spring Hollow Drain	misc	27-Oct-99		3276	3280		5.47	5.01		0.003	0.003		0	0.005	
Spring Hollow Highway	spring	18-Mar-99		2864	2868								7.27	6.93	T
Spring Hollow Highway	misc	27-Apr-99		2903	2910		44.26	45.57		0.008	0.005		7.619	0.115	T
Spring Hollow Highway	misc	20-May-99		2949	2952		17.42	18.12		0.002	0.003		6.125	7.798	$\overline{}$
Spring Hollow Highway	misc	24-Jun-99		3031	3033		14.87	14.2		0.002	0.003		3.313	2.669	+-
Spring Hollow Highway	misc	19-Jul-99		3091	3103		15.18	16.3		0.002	0.006		4.429	4.842	+-
															+-
Spring Hollow Highway	misc	17-Aug-99		3132	3137		548.94			0.021	0.023		6.087	5.044	+
Spring Hollow Highway	misc	20-Sep-99		3217	3228		77.02	73.07		0.008	0.013		5.147	7.592	+
Spring Hollow Highway	misc	27-Oct-99		3272	3275		94.61	92.79		0.009	0.009		4.306	4.555	
Spring Hollow Highway	misc	25-Nov-99		3297	3321		161.81	159.34		0.017	0.017		32.461	34.302	
Danielson	spring	27-Apr-99		2918	2921		51.35	75.64		0.002	0.002		1.106	1.117	
Danielson	spring	20-May-99		2970	2982		15.97	10.37		0.001	0.002		0.804	0.833	L
Danielson Creek	spring	24-Jun-99		3032	3044		5.29	5.31		0.003	0.002		0.477	0.333	
Danielson Creek	spring	19-Jul-99		3096	3102		8.56	7.29		0.004	0.01		0.275	0.483	
Danielson Creek	spring	17-Aug-99		3160	3170		4.12	3.17		0.004	0.01		0.442	0.459	T
Danielson Creek	spring	20-Sep-99		3223	3229		5.71	6.45		0.006	0.007		0.545	0.509	\vdash
Danielson Creek		27-Oct-99		3256	3267		18.07	7.22		0.006	0.007		0.689	0.694	+-
	spring														+-
Danielson Creek	spring	25-Nov-99		3319	3324		13.26	11.59		0.008	0.013		0.986	0.91	+-
Crystal Springs	spring	18-Mar-99		2859	2861								2.6	3	+
Crystal	spring	27-Apr-99		2916	2924		6.09	6.09		0.002	0.007		2.63	2.411	_
Crystal	spring	20-May-99		2965	2973		10.13	8.32		0.002	0		2.22	2.117	
Crystal	spring	24-Jun-99		3024	3043		6.17	5.61		0.003	0.002		2.011	1.2	
Crystal Springs	spring	19-Jul-99		3076	3072		3.58	4.19		0.004	0.003		1.147	0.738	
Crystal Springs	spring	17-Aug-99		3144	3149		7.08	7.78		0.006	0.004		1.493	1.524	T
Crystal Springs	spring	20-Sep-99		3210	3230		5.14	5.9		0.003	0.004		2.099	2.229	_
Crystal Springs	spring	20-Sep-99 27-Oct-99													+-
		r zastacisky li		3248	3268		4.29	4.39		0.009	0.009		1.861	1.882	i

Table		

			Dup	licate sar	nple	Suspe	ended se	aiment	D0	D (~# X	NO ₃ +NO ₂ (mg/L)			
Village of the section	T		0	number 1	2	0	(mg/L)	1 2	0	4 as P (m	g/L) 2		3+NU2 (m 		Flo
Waterbody	Type	Sample date	U	<u> </u>		U		2	U			0	2.02	2	(L/se
Driscoll Spring	spring	18-Mar-99		2863	2875		07.00	24.22		0.005	0.000		3.83	4.67	-
Driscoll	spring	27-Apr-99		2913	2914		37.02	34.23		0.005	0.006		4.196	4.115	-
Driscoll	spring	20-May-99		2946	2956		22.86	18.12		0.003	0.003		2.63	3.608	_
Driscoll	spring	24-Jun-99		3030	3040		12.91	17.46		0.003	0.002		2.652	4.078	
Driscoll Spring	spring	19-Jul-99		3100	3105		16.42	18.14		0.012	0.013		1.675	1.302	
Driscoll Spring	spring	17-Aug-99		3161	3169		1.71	2.05		0.007	0.014		3.072	2.831	
Driscoll Spring	spring	20-Sep-99		3202	3205		2.23	1.75		0.003	0.003		3.798	3.118	
Driscoll Spring	spring	27-Oct-99		3258	3269		12.07	1.77		0.006	0.005		3.524	3.57	
Driscoll Spring	spring	25-Nov-99		3308	3315		2.23	1.73		0.011	0.009		3.338	3.061	
Sterling Wetland	spring	18-Mar-99		2853	2865		2.20	1.10		0.011	0.000		2.83	2.93	
Cornforth Spring	spring	18-Mar-99		2866	2856								3.67	3	
							6.95	9.42		0.045	0.042				
Cornforth	spring	27-Apr-99		2931	2932					0.015	0.012		3.955	3.733	-
Cornforth	spring	20-May-99		2955	2960		11.09	9.91		0.011	0.007		3.218	2.931	-
Cornforth	spring	24-Jun-99		3023	3025		4.33	4.25		0.018	0.018		2.303	2.833	-
Cornforth Spring	spring	19-Jul-99		3089	3108		5.17	2.97		0.014	0.01		2.682	1.846	
Cornforth Spring	spring	17-Aug-99		3168	3174		4.94	4.69		0.022	0.022		2.485	2.457	
Cornforth Spring	spring	20-Sep-99		3200	3214		5.37	5.57		0.054	0.047		1.632	1.62	
Cornforth Spring	spring	27-Oct-99		3252	3264		5.4	5.99		0.032	0.037		1.356	1.401	
Cornforth Spring	spring	25-Nov-99		3295	3302		3.72	3.61		0.016	0.02		1.395	1.522	
Sportsmen's Park N	spring	17-Aug-99		3133	3167		2.86	2.78		0.041	0.036		3.225	2.622	
Poulson Spring	spring	20-Sep-99		3219	3233		3569.8	2661		0.018	0.047		4.4	3.709	
Poulson Spring	spring	27-Oct-99		3277	3291		354.83	248.7		0.018	0.027		3.143	3.07	
Poulson Spring	spring	25-Nov-99		3313	3323		130.24	27.44		0.020	0.027		5.286	6.424	
		27-Apr-99		2900	2906		4.59	0		0.044	0.011		44.351	44.422	+
Spring Hollow Spring	spring														1
Spring Hollow Spring	spring	25-Nov-99		3298	3309		2.56	3.15		0.052	0.063		35.715	48.348	-
Spring Hollow Spring	spring	18-Mar-99		2855	2872			01.7-		0.00-	0000		20.33	35.33	-
Sterling	wetland	27-Apr-99		2919	2934		56.77	61.72		0.005	0.005		2.12	2.038	1
Sterling	wetland	20-May-99		2974	2979		18.72	24.59		0.002	0.005		1.533	0.772	
Sterling	wetland	24-Jun-99		3028	3047		13.13	11.81		0.007	0.008		0.631	0.387	
Sterling Wetland	wetland	19-Jul-99		3078	3093		5.9	4.87		0.01	0.011		0.742	0.533	
Sterling Wetland	wetland	17-Aug-99		3150	3172		3.29	3.21		0.009	0.008		0.503	0.533	
Sterling Wetland	wetland	20-Sep-99		3220	3234		4.99	4.14		0.003	0.006		0.928	0.106	
Sterling Wetland	wetland	27-Oct-99		3266	3270		25.52	24.91		0.025	0.021		1.371	1.195	
Sterling Wetland	wetland	25-Nov-99		3292	3296		79.46	81.14		0.023	0.013		1.823	1.701	
Orth		27-Apr-99		2922	2936		68.91	64.21		0.018	0.03		0.092	0.132	1
	wetland														-
Orth	wetland	20-May-99		2940	2948		35.25	36.75		0.006	0.006		0.225	0.203	-
Orth	wetland	24-Jun-99		3017	3035		9.12	9.43		0.005	0.005		0.064	0.072	
Orth Wetland	wetland	19-Jul-99		3090	3095		3.87	2.4		0.016	0.021		0.027	0.063	
Orth Wetland	wetland	17-Aug-99		3156	3176		14.23	14.96		0.009	0.01		0.069	0.089	
Orth Wetland	wetland	20-Sep-99		3215	3238		7.17	7.97		0.003	0.005		0.215	0.009	
Orth Wetland	wetland	27-Oct-99		3244	3251		8.16	8.3		0.003	0.003		1.28	1.315	
Orth Wetland	wetland	25-Nov-99		3293	3305		65.88	68.68		0.004	0.004		1.954	1.97	
Christiansen Canal	wetland	20-May-99		2942	2961		16.17	17.04		0.003	0.003		0.302	0.382	
Christiansen	wetland	24-Jun-99		3016	3042		3.78	2.81		0.004	0.003		0.054	0.05	
Christiansen #2	wetland	19-Jul-99		3094	3113		1.74	1.84		0.009	0.013		0.016	0.012	
Christiansen #2	spring	17-Aug-99		3165	3171		1.62	1.71		0.000	0.009		0.091	0.088	_
Christiansen #2		20-Sep-99		3213	3218		6.27	6.37		0.003	0.003		0.319	0.309	-
	wetland														-
Christiansen	wetland	27-Apr-99		2923	2927		121.31	118.72		0.009	0.006		0.462	0.424	1
Christiansen	wetland	20-May-99		2967	2972		4.94	5.69		0.005	0.002		1.219	1.083	_
Christiansen	wetland	24-Jun-99		3019	3026		5.45	8.82		0.003	0.003		0.013	0.012	1
Christiansen Wetland	wetland	19-Jul-99		3109	3115		2.98	2.53		0.008	0.01		0.016	0.014	
Christiansen Wetland	wetland	17-Aug-99		3159	3163		2.93	3.8		0.007	0.009		0.033	0.033	<u> </u>
Christiansen Wetland	wetland	20-Sep-99		3231	3232		4.42	4.06		0.006	0.002		0.108	0.824	
Christiansen Wetland	wetland	27-Oct-99		3246	3249		55.53	53.03		0.003	0.004		0.251	0.246	
Smith	wetland	27-Apr-99		2917	2929		15.27	16.09		0.003	0.005		0.28	0.324	
Smith	wetland	20-May-99		2951	2954		8.52	9.02		0.007	0.006		0.194	0.195	
smith	wetland	24-Jun-99		3034	3037		26.03	23.59		0.005	0.006		0.018	0.004	
Smith Spring	wetland	19-Jul-99		3099	3106		38.99	5.6		0.003	0.01		0.009	0.001	
Smith	wetland	17-Aug-99		3135	3136		4.55	5.17		0.012	0.011		0.009	0.001	1
		20-Sep-99		3225			7.5	6.99		0.004	0.005		0.013	0.017	+
Smith Spring	wetland				3226										+
Smith Spring	wetland	27-Oct-99		3261	3271		9.54	7.9		0.003	0.004		0.855	0.669	-
Smith Spring	wetland	25-Nov-99		3294	3310		19.35	14.84		0.003	0.007		1.084	1.533	1
People's River Gates	canal	19-Jun-00		3338	3365		11.41	9		0.01	0.01		0.07	0.15	1
People's River Gates	canal	2-Aug-00		3378	3379		13.58	5.77		0	0.01		0.02	0.04	_
People's River Gates	canal	17-Oct-00		3446	3462		2.17	2.64		0.01	0		0.11	0.13	
ASCC Gate	canal	19-Jun-00		3334	3360		11.42	9.6		0.02	0		0.07	0.09	\perp
River Gates	canal	2-Aug-00		3391	3394		8.88	13.8		0	0		0.02	0.04	
ASCC River Gates	canal	17-Oct-00		3468	3471		2.03	2.86		Ō	0		0.12	0.12	
Radio Gauge	canal	19-Jun-00		3328	3332		8.2	11.21		0.01	0		0.12	0.09	
Radio Gauge	canal	17-Oct-00		3464	3470		0.81	1.61		0.01	0.01		0.12	0.09	1
															+
Big Fill	canal	19-Jun-00		3331	3348		19.42	15.82		0.01	0.01		0.05	0.14	+
Big Fill	canal	2-Aug-00		3377	3381		9.26	9.95		0	0		0	0	-
Big Fill	canal	17-Oct-00		3444	3457		1.51	-0.73		0	0.01		0.01	0.01	_
V Spill	canal	19-Jun-00		3351	3373		6.26	5.48		0.01	0		0.01	0	_
V Spill	canal	2-Aug-00		3395	3401		5.25	4.5		0.01	0		0	0.03	\perp
V Spill	canal	17-Oct-00		3430	3434		0.43	1.11		0.02	0.01		0.01	0.01	
Wilson Spill	canal	19-Jun-00		3346	3367		6.05	5.46		0.01	0.01		0.01	0	
Wilson Spill	canal	2-Aug-00		3396	3409		4.98	4.7		0	0		0.01	0.01	
YYHSUH SUIII															

Table E-2. Continued.

Materbody Type Sample date 0					Duplicate sample number			ended se (mg/L)	diment	DO.	oc D /m	all \	NO ₃ +NO ₂ (mg/L)			FIG
O1 Spill canal 19-Jun-00 3481 3383 481 497 001 0 0 0 0 1 0 1 Spill canal 18-Jun-00 3487 3503 3.59 2.46 002 001 0.02 0.31 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.1	3 0 / - 4 l l	T		- 0		2	0								197L) 2	
OI Spill canal I6-Jun-00 3487 3503 3.59 2.46 0.02 0.01 0.02 0.31				U			U			U			U			(L/s
O. Spill Canal 7-Jun-00 3491 3508 0.79 2.26 0.01 0.02 0.31															0	_
O Spill Canal 2-Aug-00 3399 3407 5.23 3.47 0.01 0.01 0.03															0.12	
C1 Spill Canal 17-Oct-00 3421 3431 4.12 0.51 0.04 0.01 0.03															0.15	-
Cedar Spill Canal 19-Jun-00 3339 3366 1816 16.7 0.01 0.01 0.03															0	-
Cedar Spill Canal 2-Aug-00 3402 3408 26.67 10.54 0 0 0 0.01															0.01	_
Cedar Spill															0.05	
Hazard Creek misc 19_Jun-00 3383 3354 13.36 15.64 0.02 0.02 0.02 1.02 Hazard Creek misc 2-Aug-00 3403 3406 28.98 30.64 0.02 0.02 0.05 Hazard Creek misc 17-Oct-00 3418 3427 18.78 13.52 0.02 0.04 0.14 Spring Hollow Drain misc 19_Jun-00 3337 3345 59.42 75.38 0.12 0.09 2.39 Spring Hollow Drain misc 2-Aug-00 3398 3400 10.45 6.37 0.01 0.01 0.0 Spring Hollow Drain misc 17-Oct-00 3429 3433 10.48 12.38 0.01 0.01 0.0 Spring Hollow Hwy misc 17-Oct-00 3429 3433 10.48 12.38 0.01 0.01 0.0 Spring Hollow Hwy misc 17-Oct-00 3429 3433 10.48 12.38 0.01 0.01 0.0 Spring Hollow Hwy misc 17-Oct-00 3420 3437 714.71 897.96 0.02 0.02 8.68 Danielson Spring 19_Jun-00 3349 3364 10.28 7 0.01 0.01 0.42 Danielson Spring 19_Jun-00 3349 3364 10.28 7 0.01 0.01 0.42 Danielson Spring 17-Oct-00 3456 3469 2.76 4.53 0.0 0.01 0.04 Crystal Spring 19_Jun-00 3347 3357 9.07 7.04 0.01 0.0 2.07 Crystal Spring 19_Jun-00 3348 3369 2.76 4.53 0.00 0.01 0.88 Crystal Spring 19_Jun-00 3348 3467 38.96 28.52 0.01 0.02 1.79 Driscoll Spring 17-Oct-00 3448 3467 38.96 28.52 0.01 0.02 1.79 Driscoll Spring 2-Aug-00 3376 3383 21.06 27.98 0.01 0.0 1.17 Driscoll Spring 17-Oct-00 3443 3451 16.39 14.14 0.01 0.01 0.01 3.06 Comforth Spring 2-Aug-00 3347 3357 1.56 1.60 0.01 0.01 0.01 3.06 Comforth Spring 17-Oct-00 3443 3451 16.39 14.14 0.01 0.01 0.01 3.06 Comforth Spring 17-Oct-00 3443 3451 16.39 14.14 0.01 0.															0	
Hazard Creek misc 2-Aug-00 3403 3406 28 98 30 64 0.02 0.02 0.05															0.01	
Hazard Creek misc 17-Oct-00 3418 3427 18.78 13.52 0.02 0.04 0.14															0.39	
Spring Hollow Drain misc 19-Jun-00 3337 3345 59.42 75.38 0.12 0.09 2.39															0.04	
Spring Hollow Drain misc 2-Aug-00 3398 3400 10.45 6.87 0.01 0.01 5.82	Hazard Creek	misc													0.16	
Spring Hollow Drain misc 17-Oct-00 3429 3433 1048 1238 0.01 0.01 0.01 0.01 Spring Hollow Hwy misc 2-Aug-00 3410 3411 28.02 27.75 0.01 0.02 8.43 3.5		misc													3.06	
Spring Hollow Hwy misc 2-Aug-00 3410 3411 28.02 27.75 0.01 0.02 8.43	Spring Hollow Drain	misc	2-Aug-00		3398									5.82	5.32	
Spring Hollow Hwy misc		misc													0	
Danielson	Spring Hollow Hwy	misc	2-Aug-00		3410	3411		28.02	27.75		0.01	0.02		8.43	11.21	
Danielson Spring 2-Aug-00 3387 3392 11.83 7.26 0.01 0.01 0.35	Spring Hollow Hwy	misc	17-Oct-00		3432	3437		714.71	697.96		0.02	0.02		8.68	8.62	
Danielson Spring 17-Oct-00 3456 3469 2.76 4.53 0 0.01 0.68	Danielson	spring	19-Jun-00		3349	3364		10.28	7		0.01	0.01		0.42	0.34	
Crystal spring 19-Jun-00 3347 3357 9.07 7.04 0.01 0 2.07 Crystal spring 2-Aug-00 3389 3390 5.86 7.74 0 0.01 1.18 Crystal spring 17-Oct-00 3448 3467 38.96 28.52 0.01 0.02 1.79 Dniscoll spring 19-Jun-00 3343 3350 4.66 4.28 0.01 0 3.36 Driscoll spring 17-Oct-00 3443 3451 16.39 14.14 0.01 0 1.17 Driscoll spring 17-Oct-00 3443 3451 16.39 14.14 0.01 0.01 3.06 Cornforth spring 17-Oct-00 3349 3405 15.69 11.6 0.01 0.01 1.97 Cornforth spring 17-Oct-00 3447 3455 3.9 3.7 0.03 0.02 3.25 Poulson Spring	Danielson	spring	2-Aug-00		3387	3392		11.83	7.26		0.01	0.01		0.35	0.38	
Crystal spring 2-Aug-00 3389 3390 5.86 7.74 0 0.01 1.18 Crystal spring 17-Oct-00 3448 3467 38.96 28.52 0.01 0.02 1.79 Driscoll spring 19-Jun-00 3343 3350 4.66 4.28 0.01 0 3.36 Driscoll spring 17-Oct-00 3443 3451 16.39 14.14 0.01 0.01 3.06 Comforth spring 19-Jun-00 3342 3359 11.92 7.46 0.03 0.02 1.97 Comforth spring 19-Jun-00 3342 3359 11.92 7.46 0.03 0.02 1.97 Comforth spring 17-Oct-00 3449 3466 14.12 10.69 0.11 0.09 1.31 Sportsmens'N spring 17-Oct-00 3424 6.65 0 0.01 0 0.14 Spring Hollow Spring spring <td>Danielson</td> <td>spring</td> <td>17-Oct-00</td> <td></td> <td>3456</td> <td>3469</td> <td></td> <td>2.76</td> <td>4.53</td> <td></td> <td>0</td> <td>0.01</td> <td></td> <td>0.68</td> <td>0.64</td> <td></td>	Danielson	spring	17-Oct-00		3456	3469		2.76	4.53		0	0.01		0.68	0.64	
Crystal spring 2-Aug-00 3389 3390 5.86 7.74 0 0.01 1.18 Crystal spring 17-Oct-00 3448 3467 38.96 28.52 0.01 0.02 1.79 Driscoll spring 19-Jun-00 3343 3350 4.66 4.28 0.01 0 3.36 Driscoll spring 17-Oct-00 3443 3451 16.39 14.14 0.01 0.01 3.06 Cornforth spring 19-Jun-00 3342 3359 11.92 7.46 0.03 0.02 1.97 Cornforth spring 17-Oct-00 3449 3466 14.12 10.69 0.11 0.09 1.31 Cornforth spring 17-Oct-00 3447 3455 3.9 3.7 0.03 0.02 3.25 Poulson Spring spring 17-Oct-00 3424 6.65 0 0.01 0 0.14 Spring Hollow Spring spring </td <td>Crystal</td> <td>spring</td> <td>19-Jun-00</td> <td></td> <td>3347</td> <td>3357</td> <td></td> <td>9.07</td> <td>7.04</td> <td></td> <td>0.01</td> <td>0</td> <td></td> <td>2.07</td> <td>1.38</td> <td></td>	Crystal	spring	19-Jun-00		3347	3357		9.07	7.04		0.01	0		2.07	1.38	
Crystal spring 17-Oct-00 3448 3467 38.96 28.52 0.01 0.02 1.79 Driscoll spring 19-Jun-00 3343 3350 4.66 4.28 0.01 0 3.36 Driscoll spring 17-Oct-00 3443 3451 16.39 14.14 0.01 0.01 3.06 Comforth spring 19-Jun-00 3342 3359 11.92 7.46 0.03 0.02 1.97 Comforth spring 17-Oct-00 3449 3466 11.6 0.01 0.01 1.94 Comforth spring 17-Oct-00 3449 3466 11.6 0.01 0.01 1.94 Sportsmens'N spring 17-Oct-00 3447 3455 3.9 3.7 0.03 0.02 3.25 Poulson Spring spring 17-Oct-00 3424 6.65 0 0.01 0 0.14 Spring Hollow Spring spring 17-Oct-00 <		sprina	2-Aug-00		3389	3390		5.86	7.74		0	0.01		1.18	1.54	
Driscoll spring 19-Jun-00 3343 3350 4.66 4.28 0.01 0 3.36 Driscoll spring 2-Aug-00 3376 3383 21.06 27.98 0.01 0 1.17 Driscoll spring 17-Oct-00 3443 3451 16.39 14.14 0.01 0.01 3.06 Cornforth spring 19-Jun-00 3342 3359 11.92 7.46 0.03 0.02 1.97 Cornforth spring 2-Aug-00 3397 3405 15.69 11.6 0.01 0.01 0.01 1.94 Comforth spring 17-Oct-00 3447 3455 3.9 3.7 0.03 0.02 3.25 Poulson Spring spring 17-Oct-00 3424 6.65 0 0.01 0 0.14 Spring Hollow Spring spring 17-Oct-00 3424 6.65 0 0.01 0 0.01 Sterling wetland											0.01				1.91	
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Driscoll spring 17-Oct-00 3443 3451 16.39 14.14 0.01 0.01 3.06 Cornforth spring 19-Jun-00 3342 3359 11.92 7.46 0.03 0.02 1.97 Cornforth spring 12-Aug-00 3397 3405 15.69 11.6 0.01 0.01 1.94 Cornforth spring 17-Oct-00 3449 3466 14.12 10.69 0.11 0.09 1.31 Sportsmens'N spring 17-Oct-00 3447 3455 3.9 3.7 0.03 0.02 3.25 Poulson Spring spring 17-Oct-00 3424 6.65 0 0.01 0 0.14 Spring Hollow Spring spring 17-Oct-00 3417 3420 10.7 9.6 0.04 0.02 16.08 Sterling wetland 19-Jun-00 3333 3355 7.18 17.14 0.01 0.01 0.16 Sterling					3376			21.06			0.01	0			1.5	
Comforth spring 19-Jun-00 3342 3359 11.92 7.46 0.03 0.02 1.97 Comforth spring 2-Aug-00 3397 3405 15.69 11.6 0.01 0.01 1.94 Comforth spring 17-Oct-00 3449 3466 14.12 10.69 0.11 0.09 1.31 Sportsmens'N spring 17-Oct-00 3447 3455 3.9 3.7 0.03 0.02 3.25 Poulson Spring spring 17-Oct-00 3424 6.65 0 0.01 0 0.14 Spring Hollow Spring spring 17-Oct-00 3424 6.65 0 0.01 0 0.14 Spring Hollow Spring spring 17-Oct-00 3343 3355 7.18 17.14 0.01 0.01 0.94 Sterling wetland 19-Jun-00 3333 3355 7.18 17.14 0.01 0.01 0.01 0.01 Orth <															3.42	
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Table E-3. Sampling data from streams, canals, and wetlands on north and west sides of American Falls Reservoir, 2001 to 2002.

		Duplicate:	sample	Suspended	d sediment	NO ₃ ·	+NO ₂						
		numb		(mo		as N (mg/L)	PO₄ as I	P (mg/L)	Total N	l (mg/L)	Total P	(mg/L)
Waterbody	Date	1	2	1	2	1	2	1	2 2	1	2	1	2
Snake at Idaho Falls	18-Apr-01	3517	3551	25	19	0.068	0.065	0.005	0.634	0.55	0.51	0.02	0.03
Snake at Shelley	18-Apr-01	3514	3534	30	20	0.126	0.122	0.006	0.007	1.34	1.09	0.02	0.04
Snake at People's	18-Apr-01	3512	3515	31	31	0.091	0.086	0.008	0.004	-0.3	0.1	-0.01	0.02
Snake at ASCC Gate	19-Jun-01	3558	3575	18	23	0.068	0.082	0.01	0.021	0.07	0.27	0.01	0.01
Snake at ASCC Gate	7-Aug-01	3602	3604	27	26	0.053	0.057	0.003	0.005	0.07	0.14	0.01	0.01
Snake at ASCC Gate	19-Sep-01	3605	3609	17	22	0.011	0.024	0.005	0.012	0.29	0.42	0.01	0.01
Snake at People's	17-May-02	3645	3658	20	16	0.008	0.012	0.003	0.004	0.1	0.03	0.02	0.01
Snake at ASCC Gate	14-Jun-02	3678	3687	8	8	0.014	0.016	0.002	0.002	0.22	0.12	0.06	0
Snake at ASCC Gate	9-Aug-02	3711	3718	6	5	0.021	0.026	0.004	0.006	0.06	0.25	0.02	0.03
Snake at ASCC Gate	27-Sep-02	3732	3733	2	-1						0.09		0.02
Radio Gauge	19-Jun-01	3567	3570	21	23	0.07	0.072	0.012	0.006	0.08	0.08	0.01	0.01
Radio Gauge	7-Aug-01	3590	3592	21	20	0.042	0.042	0.008	0.005	0.02	-0.06	0.01	0
Radio Gauge	19-Sep-01	3611	3626	22	14	0	0.013	0.004	0.017	-0.13	0.22	0.01	0.01
Radio Gauge	17-May-02	3642	3650	23	20	0.012	0.008	0.01	0.004	0.15	0.1	0.02	0.03
Radio Gauge	14-Jun-02	3674	3677	24	11	0.012	0.009	0.002	0.002	0.35	0.11	0.03	0.08
Radio Gauge	9-Aug-02	3698	3712	5	3	0.02	0.02	0.005	0.005	0	0.11	0.02	0.02
Big Fill	19-Jun-01	3566	3568	17	21	0.033	0.034	0.018	0.007	0.14	-0.05	0	0
Big Fill	7-Aug-01	3577	3584	16	17	0.014	0.001	0.219	0.006	-0.02	-0.07	0	0
Big Fill	19-Sep-01	3615	3632	19	14	0.011	0.003	0.02	0.008	0.11	0.04	0.01	0.01
Big Fill	17-May-02	3641	3656	16	20	0.01	0.007	0.002	0.001	0.06	0.07	0.03	0.02
Big Fill	14-Jun-02	3664 3700	3690	11 2	12	0.005	0.01	0.004	0.002	0.13	0.09	0.01	0.02
Big Fill V Spill	9-Aug-02 19-Jun-01	3700	3706 3573	17	11	0.014	0.007	0.003	0.001	0.06	0.09	0.02	0.02
V Spill V Spill	7-Aug-01	3572 3589	3597	17	14	0.055	0.058	0.02	0.004	-0.05	-0.04	0.01	0.02
V Spill	19-Sep-01	3619	3621	19	15		0.031	0.023	0.004	0.78	0.4	0.02	0.01
V Spill	18-May-02	3643	3659	10	8	0.028	0.007	0.003	0.002	1.14	0.84	0.02	0.01
V Spill	14-Jun-02	3665	3685	11	10	0.002	0.007	0.003	0.002	0.23	0.42	0.02	0.02
V Spill	9-Aug-02	3702	3716	0	0	0.002	0.005	0.004	0.003	-0.04	-0.02	0.01	0.01
V Spill	27-Sep-02	3745	3752	- Ŭ		0.000	0.000	0.004	0.000	0.05	0.36	0.04	0.02
V Spill	28-Sep-02	3721	3723	2	2	0.075	0.083	0.001	0	0.03	0.01	0.01	0.02
Wilson Spill	19-Jun-01	3556	3564	13	9	0.105	0.111	0.025	0.006	4.5	0.28	0.02	0.01
Wilson Spill	7-Aug-01	3580	3588	16	14	0.133	0.141	0.15	0.16	0.14	0.11	0	0.01
Wilson Spill	19-Sep-01	3607	3625	16	22	0.076	0.155	0.005	0.03	0.03	0.02	0.01	0.01
Wilson Spill	18-May-02	3644	3653	10	10	0.01	0.008	0.002	0.002	0.03	0.05	0.02	0.02
Wilson Spill	14-Jun-02	3667	3668	11	10	0.001	0.002	0	-0.001	0.13	0.16	0.02	0.02
Wilson Spill	9-Aug-02	3705	3710	2	3	0.004	0.018	0.001	0.008	0.2	0	0.02	0.01
Wilson Spill	27-Sep-02	3734	3742							1.7	0.05	0.02	0.02
Wilson Spill	28-Sep-02	3726	3730	2	2	0.044	0.122	-0.001	0.001	0	0.07	0.02	0.01
Hazard at Culvert	19-Sep-01	3612	3613	47	44	0	0.001	0.006	0.017	0.34	0	0.02	0.02
Hazard at Culvert	18-May-02	3647	3652	15	15	0.007	0.011	0.002	0.003	2.82	0.36	0.03	0.02
Hazard at Culvert	14-Jun-02	3666	3673	24	24	0.007	0.005	0.001	0.004	0.18	0.09	0.03	0.02
Hazard at Culvert	9-Aug-02	3697	3709	2	2	0.052	0.057	0.002	0.006	0.13	0.11	0.02	0.02
Hazard at Culvert	28-Sep-02	3725	3731	6	5	0.065	0.049	0.001	0.002	0.26	0.17	0.02	0.02
Nash Spill	18-May-02	3640	3651	19	18	0.011	0.006	0.001	0.002	-0.01	0.06	0.03	0.02
Nash Spill	14-Jun-02	3670	3688	7	7	0.002	0.004	0.002	0.002	0.17	0.09	0.01	0.01
Nash Spill	9-Aug-02	3708	3714	2	4	0.009	0.004	0.003	0.001	0.04	0.05	0.01	0.02
Nash Spill	27-Sep-02	3741	3755							0.34	-0.01	0	0
Q1 Spill	19-Jun-01	3554	3563	31	16	0.001	0.001	0.012	0.005	0.8	-0.04	0.01	0
Q1 Spill	7-Aug-01	3591	3595	20	20	0.003	0.002	0.006	0.005	0.1	-0.04	0	0
Q1 Spill	19-Sep-01	3610	3623	18	15	0	0.016	0.007	0.009	0.04	0	0.01	0.02
Q1 Spill	18-May-02	3638	3639	12	12	0.013	0.013	0.005	0.002	0.05	0.05	0.03	0.02
Q1 Spill	14-Jun-02	3675	3691	10	9	0.005	0.004	0.002	0.004	0.06	0	0.02	0
Q1 Spill	9-Aug-02	3695	3699	-1	1	0.003	0.013	0.002	0.001	0.04	0.02	0.01	0.01
Q1 Spill	27-Sep-02	3747	3756						<u> </u>	0.38	0.74	0.01	0.01
Q1 Spill	28-Sep-02	3727	3728	2	2	0.001	0.005	-0.001	0	0	0	0.02	0.02
Cedar Spill	19-Jun-01	3560	3569	38	31	0	0	0.007	0.005	-0.03	-0.1	0	0
Cedar Spill	7-Aug-01	3583	3585	23	15	0.021	0.002	0.006	0.005	-0.06	-0.07	0	0
Cedar Spill	19-Sep-01	3629	3630	13	10	0.067	0.008	0.01	0.009	-0.02	-0.02	0.02	0.01
Cedar Spill	18-May-02	3657	3661	19	15	0.259	0.008	0.001	0.005	0.29	0.06	0.02	0
Cedar Spill	14-Jun-02	3676	3681	9	7	0.004	0.005	0.002	0.004	0.07	0.05	0.02	0 01
Cedar Spill	9-Aug-02	3713	3717	2	2	0.003	0.011	0.002	0.003	-0.01	-0.01	0.02	0.01
Cedar Spill	27-Sep-02	3737	3746		-	0.000	0.000	0.000	-	2.3	0.1	0.05	0 000
Cedar Spill	28-Sep-02	3720	3722	2	2	-0.003	0.003	0.002	0 012	0	-0.01	0.01	0.02
R Spill	19-Jun-01	3555	3559	15	23	0.005	0.02	0.01	0.013	0	0	0.02	0.01
R Spill	7-Aug-01	3586	3594	16	12	0.006	0.006	0.006	0.004	-0.11	-0.04	0	0.01
R Spill	19-Sep-01	3616	3620	12	15	0	0.001	0.012	0.029	-0.06	0.06	0.01	0.01
R Spill	18-May-02	3655	3660	10	14	0.009	0.013	0.005	0.002	0.76	0.65	0.03	0.02
R Spill	14-Jun-02	3682	3686	4	5	0.006	0.008	0.005	0.003	0.04	0.11	0.02	0.01
R Spill R Spill	9-Aug-02	3694	3703	1	-1	0.009	0.015	0.002	0.005	0.01	0.03	0.02	0.02
	27-Sep-02	3754	3758	1	1	1	1	1	I	-0.09	1.08	0	0.05

Table E-3. Continued.													
		Duplicate s		Suspended		1	+NO ₂						
Waterbody	Date	numbe	er 2	(mg	/L) 2	as Ni	(mg/L) 2	PO ₄ as I	P (mg/L) 2	Total N	l (mg/L)	Total P	(mg/L) 2
Spring Hollow Drain	19-Jun-01	3552	3562	24	15	0.028	0.006	0.015	0.01	0.46	0.08	0.01	0.02
Spring Hollow Drain	7-Aug-01	3587	3601	22	16	0.001	0.002	0.004	0.005	0.02	-0.02	0.01	0.01
Spring Hollow Drain	19-Sep-01	3598	3617	34	36	0.001	0	0.006	0.011	0.02	0.16	0.03	0.11
Spring Hollow Drain	18-May-02	3648	3654	238	331	0.699	0.655	0.083	0.117	2.66	2.48	0.64	0.55
Spring Hollow Drain	14-Jun-02	3671	3684	11	11	-0.006	0.018	0.004	0.002	0.05	0.17	0.03	0.05
Spring Hollow Drain	9-Aug-02	3692	3701	5	4	0.012	0.029	0.004	0.005	0.21	0.19	0.03	0.02
Spring Hollow Drain Sportsman's Park	27-Sep-02 10-Sep-01	3736	3739			5				2.38	-0.04	0.04	0.01
Sportsman Park Springs	20-Sep-02	3778	3791			5.518	5.8	0.007	0.011				
Vollmer S Spring	10-Sep-01	0110	0,01			4	0.0	0.001	0.011				
Vollmer N Spring	10-Sep-01					4							
Vollmer W Spiring	10-Sep-01												
Vollmer Creek	10-Sep-01												
Vollmer Springs	16-Feb-02	3636	3637	40	34	4.222	4.024	0.044	0.073	4.68	4.38	0.06	0.08
Vollmer Springs Schroeder	20-Sep-02	3771	3787			2.488	1.502	0.007	0.005				
Schroeder Springs	10-Sep-01 27-Nov-02	3772	3776			2.749	3.02	0.019	0.025				
Knudsen	10-Sep-01	0112	5770			10	5.02	0.010	0.023				
Knudsen Springs	24-Nov-02	3773	3781			14.819	10.324	0.029	0.017				
Spring Hollow Spring	28-Feb-01	3543	3545	2	3	41.376	40.69	0.028	0.02	44.29	45.81	0.13	0.1
Spring Hollow Spring	10-Sep-01	3624	3628	32	31	39.709	39.146	0.087	0.225	45.8	45.59	0.08	0.11
Spring Hollow Spring	16-Feb-02	3634	3635	88	84	39.682	40.227	0.057	0.058	49.35	50.6	0.09	0.09
Spring Hollow Spring	20-Sep-02	3782	3784			12.943	13.248	0.017	0.023				<u> </u>
Spring Hollow Spring Spring Hollow Highway	24-Nov-02 28-Feb-01	3775 3542	3785 3544	7	7	30.601 13.297	26.649 12.94	0.069	0.053	13.76	14.12	0.11	0.11
Spring Hollow Highway	19-Jun-01	3574	3576	443	434	6.704	7.373	0.009	0.006	6.98	6.97	0.11	0.11
Spring Hollow Highway	7-Aug-01	3582	3599	60	63	6.591	6.944	0.007	0.013	7.53	7.52	0.05	0.06
Spring Hollow Highway	19-Sep-01	3622	3631	99	118	9.953	9.862	0.022	0.032	11.27	11.3	0.15	0.15
Spring Hollow Highway	14-Jun-02	3672	3679	571	529	6.481	8.461	0.001	0.012	8.23		0.43	0.29
Spring Hollow Highway	9-Aug-02	3693	3704	10	9	8.929	9.576	0.004	0.01				
Spring Hollow Highway	27-Sep-02	3743	3753			24.000	22.000	0.047	0.004	10.96	12.3	0.02	0.02
Spring Hollow Highway	24-Nov-02	3780	3788			21.098	22.633	0.017	0.021				
Jahnke Tree Aberdeen Sewage Plant	10-Sep-01 19-Sep-01	3614	3618	32	43	10 4.889	5.012	1.077	0.774	9.6	10.37	1.44	1.51
Hazard at Beach Road	20-Apr-01	3538	3550	52	85	0.248	0.234	0.004	0.014	9.67	8.09	1.24	1.6
Hazard at Beach Road	19-Jun-01	3553	3557	29	17	0.085	0.089	0.429	0.053	0.92	2.88	0.14	0.12
Hazard at Beach Road	7-Aug-01	3578	3581	20	20	1.014	0.917	0.012	0.019	2.05	1.68	0.38	0.43
Hazard at Beach Road	19-Sep-01	3608	3627	27	22	0.665	0.632	0.073	0.109	1.05	1.16	0.21	0.23
Christiansen Drain	18-Apr-01	3519	3523	72	88		2.682		0.008	3.28	3.56	0.03	0.03
Christiansen sub	18-Apr-01	3527	3541	68	59	5.486	5.711	0.007	0.006	5.71	5.92	0.01	0.03
Cornforth Spring Crystal	18-Apr-01 18-Apr-01	3518 3516	3548 3520	47 84	50 74	3.855 2.291	3.662 2.202	0.013	0.007 0.015	4.25 2.5	3.91 2.46	0.06	0.02
Crystal	18-Apr-01	3524	3536	98	82	2.88	2.931	0.007	0.002	3.1	3.16	0.03	0.05
Crystal	18-Apr-01	3513	3532	65	73	2.784	2.757	0.008	0.019	2.8	3.32	0.02	0.01
Driscoll	18-Apr-01	3539	3546	86	92	3.521	3.663	0.597	0.065	4.37	4.08	0.12	0.02
Orth	18-Apr-01	3521	3529	56	84	0.653	0.668	0.005	0.019	1.57	1.91	0.22	0.12
Smith	18-Apr-01	3528	3531	72	104	0.175	0.173	0.015	0.008	1.01	1.28	0.09	0.1
Sportsman's Artesian	18-Apr-01	3522	3537	46 74	22	0.138	0.143	0.021	0.005	-0.09	0.1	0.04	0.02
Sterling Springfield Lake Outlet	18-Apr-01 18-Apr-01	3530 3535	3533 3540	74 59	73 51	1.739 0.647	1.801 0.648	0.022	0.006	2.13 1.14	2.83 1.08	0.07	0.06 0.11
Danielson	18-Apr-01	3526	3549	65	54	1.03	0.046	0.004	0.008	1.14	1.00	0.02	0.11
Spring Hollow Drain	7-Aug-01	3596	3603	30	26	0.001	0.070	0.006	0.004	0.03	-0.04	0.02	0.01
Deionized Water	19-Sep-01	3606	3633	0	1	0	0.005	0.005	0.008	-0.22	2.45	0	0.01
Deionized Water	24-Oct-01	3561	3565	-2	0	0.002	0.001	0.013	0.013	1.78	0.14	0	0
Deionized Water	24-Oct-01	3593	3600	0	0	0.002	0.01	0.004	0.005	-0.07	-0.1	0	0
Deionized Water	25-Oct-01	3571	3579	-1	1	0.001	0.001	0.005	0.007	0.05	1.05	0	0.01
Deionized Water Deionized Water	18-May-02 18-May-02	3646 3649	3662 3663	3	-1	0.011	0.015	0.005	0.003	0.23	0.68 -0.24	0	0.01
Deionized Water Deionized Water	14-Jun-02	3669	3680	-1	1	-0.002	0.001	-0.005	0.003	-0.14	0.07	0	0.03
Deionized Water	14-3un-02	3683	3689	-1	-1	0	0.001	0.003	0.001	-0.14	-0.15	0.01	0.01
Deionized Water	9-Aug-02	3696	3715	-1	-1	0.002	0	0.001	0	3.19	-0.18	0.06	0.01
Deionized Water	9-Aug-02	3707	3719	-1	-1	0.003	0.008	0.005	0.006	-0.21	0.73	0.01	0
Deionized Water	27-Sep-02	3740	3750							0.01	-0.09	0	0.01
Deionized Water	28-Sep-02	3724	3729	0	0	-0.002	-0.005	-0.001	0.001		0.24		0
Deionized Water	27-Nov-02	3774	3789			0.001	0	0.003	0 003				
Deionized Water Deionized Water	8-Apr-03 27-May-03	3765 3792	3766 3797			-0.002	U	0.003	0.003	0.13	-0.18	0.01	0.02
Delouized Marei	27-Iviay-03 27-May-03	3802	3/3/							-0.3	-0.10	0.01	0.02
	2-Jun-03	3805	3806							-0.3	-0.3	-0.01	-0.01
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